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4-20 man liferafts. Liferaft Hire Co., 14 Chapel Road, Tiptree, Essex CO5 0RA. Tiptree 815549.

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61 deg. 14 mln. 49 sec. North 01 deg. 31. min. 20 sec. East.

Anchors with buoys set at 5000 ft. eround barge. All vessels requested to give maximum cleerence.

### Aprll 16, 1976

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March 12, 1976

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# PUBLIC NOTICE

### Official Natice - Proposi

le chengs a ship's mm i. the Figherien Secretary of the Ministry of Agriculture, Figheries and Food, on bothelf of the Ministry nno read, on coner of the Moher-hurthy give notice that in con-juonce of a change is ownershy a title vossel 1 have applied to the Ceperiment of Trada, under Sedan 47 of the Marchant Shipping Ar. 1894, in respect of my shy Ard. Pulvoleor of Hull official number 41 11 crease 1 conners. of green tonnege 92827 lens, d agleter tennege 321,91 tm, rerutolere owned by Soyd Unitud St Andrew's Oack, Hull for permissor to change her nems is 0. A Reyn to registered at the gard Hulling seld new nams as owned by to Ministry of Agriculture, Fisherie of

change of nome meet be sent to the Registror General of Shipping st Scamon, Lientriesnt Road, Undel, Cordiff, within seven days from the eppearance of this advarishment Onted of the Ministry of Agricular Figliories and Food, Greet West ion SW1 this 29th day of Hi

# OPPORTUNITIES

SAT IIIA ARAIIIAN andoo b store fishing coleeprise is b Red Seu seeks aulgableeres er tunical apportunities to the fishing ground
Please contract Fared fiber telephone Kingham Michigan and distributions of the fishing and the fishing and the fiber telephone in the fibe

Cuminility

RAINHAM TRADING ESTATE DOVERS CORNER, NEW ROAD, RAINHAM, ESSEX Tel: Reinham 53355

tepresented at the show and on page 23 we

dature a preview of the

happen again?

We falk to the man

Scottish end of the

protest last year:

Why is a top

young herring

the test of

<sup>2</sup>aĝe 12.

and on page

Moak all

Aprll 23,1976

No. 3273

Est. 1913

ARE RESIDENCE OF SULDAN





from Landon on the Hiver Thames last week is a now pursu wirem for Scotland The **note**, Sadutous has boun huilt for Skipper Emost Shapson jar, and others in association with J. Maur & Soir of Ahor daou. Puvernil by a fi & W Alpho 700 lips unging, the univ versal is misp equipped for trawing. Tymulrati Donign Lid. of Newcastle work consultants for the Irrichna at Sodulaus. which has a Indicors how and hansnin

# Roker scarce

**@** 

MILFORD Haven was ngain without significant rnker landings last weak with most vessels working the Brietol Chennel

ing the Brietol Chennel nrea.

The week begen with e good grossing for the former Fleetwood pocket trawler Westerdale, which is akipper-invened by Bruno Linke. The vessel Innded 95 kita, including five of cod, 20 of whitings, 15 of roker, five of lurbot end brill, 25 of pleice end five of soles, which sold for £2,800.

On the following day there were more of the broken trips which have plagued the port recently. This was compensated for to some extent by merchants neying en outstanding nveroge of more then £0 like the five of soles which sold for 12,085 kita) ceme from distant waters and so were mainly codstuffs. Meny marchants in profit for Conselidated Fisheries' Spurs (Skipper Bill trips from BUT's Northern Gift (Skipper Devid Pulfrey) and Ross Renown (Skipper Lennie Bruce) didn't quita to satisfy a surge in description of code of the mand as the precent of the water frawlers and 25 aciners or pair trewlers.

On the following day there were more of the broken trips which have plagued the port recently. This was compensated for to some extent by merchants neying en outstanding ning nveroge of more then £0 like for the five of soles, which sold for the five of soles, which sold long the five of soles, which sold for £2,800.

Or the following day there were more of the broken trips which have plagued the port recently. This was compensated for to some extent by merchants neying en outstanding nveroge of more then £0 like for the fisheries' Spurs (Skipper Bill trips from BUT's Northern Gift (Skipper Devid Pulfrey) and Ross Renown (Skipper Lennie Bruce) didn't quita to stit didn't stop BUT's the water with distinct the fisheries' Spurs (Skipper Bill trips from BUT's Northern Gift (Skipper Town of the water and so were fisheries' Spurs (Skipper Bill trips from BUT's Northern Gift (Skipper Town of the water and so were fishered fisheries' Spurs (Skipper Town of the water and so were fisheries' Spurs (Skipper Town of the water spurs (Skipper Town of the water spurs (Skipper Town of the water spurs (Skipper Town of t

iling average of more then £0 by codstuffs. Meny marchenis

Brenda Wilson — lost year's top ship — was forced back to provide variety.

Prices were very good sll week sind, with heevy lendings due this week from sll quarters to meet the Easter week demond, the suctions will he very keenly contested trawler Activer Horsey Horsey.

Bell to rely on inverland tish to provide variety.

Prices were very good sll week sind, with heevy lendings due this week from sll quarters to meet the Easter week demond, the suctions will he very keenly contested trawler.

EASTER WEEK got off to rely on inverland tish to provide variety.

Prices were very good sll week sind, with heevy lendings due this week from sll quarters to meet the Easter week demond, the suctions will he very keenly contested to the heat in the business.

Mr. Cross also paid tribute to keep face with the heat in the business.

# Pre-Easter fish price rocketing

heil to rely on inverland fish to

week demond, the euctions will he very keenly contested trawler Arthur Horvey (Skipper John Donovnii) Fur once none of last returned after only five days of sea with 32 kits which sold fur £1,503. These grossings of £20,000—full the low 1,000 kits or reflect the quelity of the quelity of the cluse shaves. Yet this section on the processor of the quelity of the cluse shaves. Yet this section on the fleetwood will he low 1,000 kits or coord stert at Fleetwood whon the stern trawler for the fish processors Birds to the fish processors Birds to the fish processors Birds to the fish processors be selling et £1.80 a lb. West End this week."

Local Further Horvey (Skipper John Donovnii)

Fur once none of last week demond, the euctions will he very keenly contested whon the stern trawler for the fish processors Birds to the fish processors Birds to the fish processors Birds to the fish processors be to the fish processor be to the fish processo

that landings returned to anything like normal.

Bryber (Skipper A. James)
Ionclud 138 kits which sold for (Skipper Tom Smith) mede (Skipper Tom S

profit on the deel. We bought it to keep fece with our customers in London. It will be selling et £1.80 a lb. in the West End this week."

A PROPOSAL to sal up Wostern Isles Flaher man's Association

man's Association is rocalving tha support the rocalving tha support the rocalving that support the sponsors had hoped the sponsors had hoped the feel thet their interests of best be protected by joint the Mellaig and North Fisherman's Association. This is the view expressed a meeting of Standard the seame epps rapt at the came epps rapt.

skipper thinking of giving up the sea? Pede 30. Are GRP boats standing

time? A survey on Scotland's ingest trawler. Page 28.

BRITAIN'S TRAWLERMEN face a new fisherles dispute - this time with the Faroe Islands, a Dependency of Denmark which is one of our partners in the Common Market. Middie water trawier skippers have reported being asked to stop fishing and move elsewhere by Faroese fishery protection vessels while working on the Banks grounds. Ratified fisheries agreements allow them to fish there.

The trouble flered-up efter Most middle water owners
April 1 when certain fishing at Grimaby hove been
zonas ahould heve been effected to some degree and reopened to the British fleet, they have relayed skipper's on the rotetion besis, but reports of these incidents to trawlers found Furgese the Ministry of Agriculture, fishermen were putting down so many fixed end tangle nots that towing wea impossible.

Sometimes a trawler would find on enparently quiet spet ond shoot her geor, only to

towing ground.

ing through their nets. Most arguments ore being settled by Faroese protection vessele eaking the British vessel concerned to lesve the area. So fer there have been A SCOTTISH fishermen is no threets from the Faroese missing following a collision natrols and skippers ere be- off Peterbeed between e

ond shoot her geer, only to accusations ere help mede find acts were fixed ever her against British shipe by the Fnrucse. Rollert Alinn, chief There have else heen ec- executive of the Scattish cusationa made ogoinst Trewler's Federation, hes British trawlers by Farocee written to the Department of fishermen who cloim the British ore deliborately towing the control of the property of the control vessels off Forco.

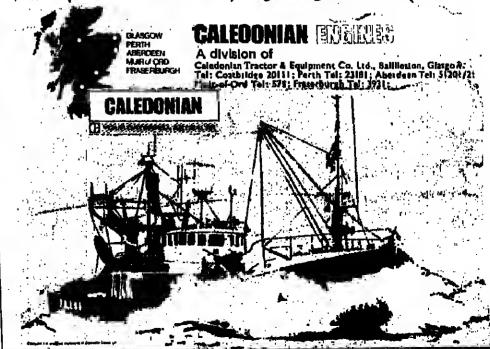
# Man Lost

ing told to move on courteous-ly. trewler and en oil rig supply ship. More details on page 40.

# Power where it's needed.

if you want to know something about Caterpillar power, ask the men who rely on it for their livelihood, and at times, even their very lives. Ask a man like Jim Slater, skipper of the fishing trawler "Aquila". Jim Slater's trawler is powered by a CAT D398 TA which develops 850 h.p. at 1225 r.p.m., and there's power to spare therei it's typical of the range of Caterpillar Diesel Engines which Caledonian have been selling in Scotland these past 25 years.

Is the follow-up after sales service which Caledonian supply for all Caterpillar engines and equipment. Whether you're buying a new vessel or re-powering, ask Caledonian for details of Caterpillar Marine Diesel Engines, You can fit 85 h.p. to 1125 h.p. In the main to auxiliary range of engines.



# fishing news

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The trawlers Lofoten end Lovedon — at 106 ft. the smallest North Sea trawlera

'Even with the improved

aion to lay up its trewlers had into consideration. aion to lay up its trewlers had into consideration.

heen under review for some Lindsey hopes to keep its Lindfor claims his boat, ing at the vary time when the them for quality fiah.
whole future of the British Last year the peir lended fishing industry seemed to lie 678 tons between them in 46

Lindsey

GRIMSBY'S diminishing loct of trawlors received when the long-established family compnuy Lindaey Trewlars Ltd. was forced to ley up two of its slx-strong near water flect.

working from the port - ere ied up. Annooneing hie company'a decision on April 14 to ishing News, company director Ross Becon said We just cannot make them pay at all at the moment end menns 20 men will lose secure entitloyment.

THE SCOTTISH trewler are being carried out to bring silver Lining is on the move Silver Lining up to IMCO ing to pay for the work which at last. After being standards, will include is now expected to rost over detained at Peterheed for lengthening the vessel by 11tt. Sin. and altering the arguments raged ebout design of the fuel and writer tanks. The work is expected by proached the Herring Industry Pour of North Peters of the fuel and works.

Silver Lining

were planed to her maat, to take three months. the vaasel was expected

hlpyard Ltd. coast to Devon, many by the chairman The modificationa, which questions were still un- was not available!

dustry Bourd, on Wednesday, to find out who was going to to act off for Devon this wook, where she will be middlied at the Bideford nian Canal and down the west Library would only be made

Details of the schere: reing worked out

interest in the council

revenue fund for the or

Shetland Fisheren

Association plans to at

the allocation al forde

with money from the di

ilustry — the cash is in it

set up with company paid for the disturban their grounds by all

A double bonus se

sland.

Juhn Bowman

TWO skippers were ed: erwick Sheriff Court Frickey that they held Fair Isle last autuma William Clark of & dmitted fishing with his Glerisla 2.18 miles for:

same terms as fishermen of trawlers. They turned on the

flahing vosaol safety correctly and hatches and doors must be wntertight. Some of the regulations would monn Lindfar hoing virtually

He said there are no grants available and he could not afford to do the work, then get the maney back from fishing profits. Skipper Jamleson is able to a 12th fine if he tokon ho loot to sen. All the time my heat lies in

arlmur I am having to pay nrbour ducs; as well as rental fees for electronic goar. I intend passing these on to the 1) epartment of Trado skipper John because, if I am not fishing, I £200 fine if he takes cannot pay;" he said.



FIRE

ANGLESEY FIRE PA Berillech, Anglesey

# more serious' DOUBLE

THE PROBLEMS which caused Britain's —after the fishermen to blockade to nid Shetland's let industry. This is the tecome ports just over e year ago hre more serious than blockade of Shelland lalands Cr. evor, aaid Skipper John Thomaon in Aberdaen last Thomson seid: "What I seek The cush is part of the

aunch the new book, Blockode 75, which tells the story of the fiahermen's blockede and its origina.

know how." Among those attending the At the reception the author, reception, which preceded a reunion of the blockade ishermen's action committee scene at Aberdeon to Skipper Scottish Under-Secretory
Hugh Brown, a key Government figure in persuading the
fishermen to call off their action of his help in preparing the book. The pointing is the
work of Bob Sheddon of Willie Hey, of Portsoy, the

un the action committee, told goests that he made an pology in seying that the averument had completely to Dech Son Fishermen. It is filled in policy and duty for published by Molondina. failed in policy and duty for the lishing industry. He said he firmly believed

they hed blockeded with responsibility and honour, but sadly in return they did not get such honour by action Trawlers turn on gunboat done for their future.

harder than any other section against the feelundic gunboat

# £50,000 'Problems even MILFORD LOSES 'BEATTY' GOES FOR

for the future in that we end survival. Hubert Jones Skipper Thomson was our sons have the right to be of Swansea has laid-up speaking at a reception to launch the new book. The recognistic figures and to be recognisted of the vessels he ed for what we ere werth, ser-ving our communities and the port, while a third country in the way we beet is to go to the

scrapyard. Yarmouth in 1930. At the reception the author, Gavin Cergill, presented a painting of the blockade has been having a refit for

hrought moves from the purt's fish merchants to help the port during the crisis, which threatens its oxistence.

The Milford Haven Fish Merchants' Association bold

The Milfo

The proceeds from the salo of Blockode '75 are going to the Rayel National Mission an emergency meeting to discuss the situation and ufterwards the ussociation's secretary, Alliert Devies, said: "The fish merchants have ex- foghorn volco, has dled. Press, price £1.50. See page pressed a willinguess to help in the best way they cen.

BOSTON EXPLORER of

"All we seek is the same dent took place south of the basis as others who produce book within the UK or the vessels left the mnin body of as a form of subsidy.

fishing industry has Georgino Wilson. The vessel Nerrard Trawlers.
been dealt yet another in be sent to the scrapyard ia Tho end of the subsidy for

blow in its fight for survival. Hubert Jones of Swansea has laid-up

The first two veesela were of Swansea has laid-up formerly owned by a vessels have decimated the near Hull, where she joined Fleetwood company, while Snily McCobe was criginally the steam-nowered driftertrawler Ocean Vim built for

grounds are reasons for the her sister-ship Northern Sky. latest move.
Thore will obviously ba ligger strain put on the News they will be back for awners now that there is a

charges. Such a cut in the operating fleet lends weight to smaller fleet to pay the port The fact that the port's top-enring trawler is to be tied our is indicative of the operating fleet lends weight to the operating fleet lends weight to the operating fleet lends weight to

WHISPER' Commish (83), the Searhorough fishormun with the

'Whisper' (his reol joined his father in the funtily name was Harry) was a fish merchanting business "They have made an offer number of a Searhorough which started in 1889, and this will be pot to the fishing family who first He remained in

and this will be pot to the trawler owners' association as soon as possible. The lish merchants will await their response."

He remained in the following went to see in yawls, as a business until his retirement and, during that time, he became president of the became pr He remained in the

Royal Field Artillery during Wednesday for a four-day the First World War. Wednesday for a four-day visit. She will represent the

The 697-tenner made the

Bill Draper told Fishing nnother former BUT steamer Northern Engle, which the

years until becoming agmoster, towing tankers at Miltord oil refineries. I turing much of his later

years in the tishing industry

he sailed as mate of the

trawler Milford Knight. which frequently worked witt Fleetwood vessels in the Isle During the last war hi

nguinst the Icelandic gunboat | Government grant of (35,000 mun, he was so strong of the Mulford Haven branch | Scottish National Party, Mrs. |

| Ageic on Triesday, The incivessels left the main body of as a torm of subsidy.

Trawlers. They turned on the gunboat which took evasive action with ease.

RUBERT Green has died at Milford Haven aged 80. Mr. SKIPPER Bernard Davies | Lectural to Minister of Wilson — which was the port's top-earning Green, after lenving school, has died at Milford Haven, Fishernes.

# **We know** as well as anyone what the North Sea can do.

"Mad, bad and dangerous to know" the famous comment on Lord Byron could be applied to the North It has always been a hostile sea.

In our battle to win its oil, we have learned as well as anyone what it can take, as well as what it can give.

The work we do could make new demands upon the courage, skill and resources of the crews and coxswains of the Royal National Lifeboat Institution.

Brave men need boats to match-built to master the sea's fury. BP, with its commitment to the North Sea, is giving £100,000 towards the cost of a new lifeboat at Aberdeen to be named 'BP Forties'

This donation is complemented by a sum of £7,000 raised and presented by students at Aberdeen University for electronic equipment on BP Forties.

Such support on its own is not enough. To protect lives against the seas of Britain, the RNLI needs continuous help.

We have played a small part in providing it. Because tomorrow all of us may need a

little help ourselves.



# of Government interest in fishing ara biemed.

Grimsby. Fish Imports and tack

agein until we are certsin and crew settlings shout they will not loas more \$1,600. This is before other flahing vossol safety correctly and hatches and operating expenses and Mr. Bacon edded the deci- deureciation, etc., are taken

time. He blamed heavily sub-sidised foreign imports, as ing. The company has a leng well as the leck of Govern-association with North Sea ment interest in fishing, as lishing at Grimeby end the contributory factora. He is loss of Loveden and Lofoten disturbed at the politicians will be felt by meny attitude to near water trawl- merclinnts who relied on

May we design your next boet to your epecific wishae? Or supply stability deta/piana for

Department of Trade re-

quirements? Distance no ob-

ject - our Cliente ere ownere and builders throughout Bri-

tain Eire end elsawhere. We

would certainly be very pleea-

ed to hear from you.

FOLLOWING the formation Anglo Belgian Diesel Co. UK) Ltd. et Leemington Werwickehire, to merket ABC marine engines in the UK, a network of local service

Skipper John Jemicenn

ineers hae been set up. Tha seles of ABC enginea in England, Scotland end Wales will be handled direct-

Fitco Ltd., 25 Bolton Street, Dublin, Eire, hea been appeinted ABC distributers and service engineera.

and service enginaera.

The newly-eppointed eervice network embracea HNP Engineera (Lerwick) Ltd., Shetland; Seaforth Merine Engineering Ltd., Fraaerburgh; Seewerd Engineering, Glesgow; Thurso Engineering & Foundry Co., Thurso and Wisemen e et Peterhead, covering Scotland. wisemen's et Peterhead, covering Scotland.

In England, the ABC service representation will be: Merine Dieael Service (Grimaby) Ltd., Grimeby Sea-Power, Ltd., Salcombe, Devon; William Overy and Son Ltd., Lowestoft and James Troph & Co. Ltd.

ANGLESEY AND FIRE PROTECTION 144

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# "Even with the improved fish prices the overheeds are so big we cannot cover our crosts. "We hed hoped for Government aid, but it is obscious ways they are ignoring that they are ignoring the ignoring that the ignoring that the ignoring that the ignoring that the ignor covernment and, but it is not experience days. Catches consisting the entire fishing industry. Catches consisting A BERWICKSHIRE meet the DoT standards will be entire fishing industry. The mainly of prime varieties. the entire fishing industry. "Both vessele will be leid on indefinitely and we shall around £2,000, lending costs not put them back fishing accounted for roughly £500 and the not put them back fishing and crew cettlings should be cause of the now the new rules meant all personnels. A BERWICKSHIRE meet the DoT standards will aklipper claims he has cost about £10,100. Skipper lamies on said the new rules meant all personnels.

dismantled.

# Easter week landings a let down Hull—going 'WORST IN LIVING

runked among the lightest alnee World War [I. Total landings during the four days amounted to

Dr. Diesel, we've done you proud

Dr. Diesel! We've slimmed it

down, peoped itup; cut fuel con-

sumplion to the bone. In fact,

Volvo Penta have really done

Which is simply to say that Volvo

Penta diesels can't be beaten for

reliability, endurance and econ-

omy. That's why they are so much

In demand as marine auxillaries

"you proud.

You should age your diesel now, for pumping, windhing or genera-

Inter hed been off Norway E33,800 for 1,731 kills.

and five aff Iceland. Total Two of Boston's North Sea traveler and seiner grossings seiners lost o lot of fishing during the week amounted to time due to bed weather.

They were Rasenhors with her his traveler was the Easter demand, the most disappointing feature was the (Skipper Albert 'Bonzo' BUIT'S Ross Civet (Skipper Ross Civet (Skipper Albert 'Bonzo' Alsn Redputh) on 19,137 Jackie Brunsonl which with her his traveler was the disappointing feature was the (Skipper Albert 'Bonzo' Alsn Redputh) on 19,137 Jackie Brunsonl which with her his traveler with her his traveler was the traveler was the disappointing feature was the (Skipper Albert 'Bonzo' Alsn Redputh) on 19,137 Jackie Brunsonl which with the most disappointing feature was the (Skipper Albert 'Bonzo' Alsn Redputh) on 19,137 Jackie Brunsonl which was traveler with the most disappointing feature was the (Skipper Albert 'Bonzo' Alsn Redputh) on 19,137 Jackie Brunsonl which was traveler was the control of the most disappointing feature was the (Skipper Albert 'Bonzo' Alsn Redputh) on 19,137 Jackie Brunsonl which was the control of the most disappointing feature was the control of the most disappoint in the most disappoi

ting duties or as main propulation.

Wa give our auxiliary units all the

care and practaion craftamenship.

Ihat's made Volvo Penta famous

for diesel power throughout the

world. And we beck them with a

service network in 109 countries.

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marine units to choose from

units for smallar veasels.

PRE-EASTER week landings at Grimsby—described in some quarters as the worst in living memory—did unly 16,291 kits, against 18,309 klts in 1975 end mode c56,228 for 2,855 kits, provide one bright spot when BUT's Vivaria All the ships landing leet eaught in a zo day trip under week were Hull-based, except the Granton - registered Arc. Also back from the same notched up a fine fic Chollenger.

Also back from the same notched up a fine graunds was Newington's C. grossing of £53,272 from 2.952 kits. She

Reword (Skipper Wully ratches due mainly to the sciners and pair team produced good North & produced good North & Sciners and pair team produced good North & Sciners and pair t

ranging from 65 to 350 bhp (40 -

200 kW). All made to stand up to

the harshest climatic and weather

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2711 - for details and technical

advice on a auitable unit.

conditions.

merchants grumbled et pering inflated prices for fit thry would not usually took 8,309 kits in 1975 and provide one origin and the ships landing lest cought in a 20 day trip under (Skipper Roy Kurz)

All the ships landing lest cought in a 20 day trip under (Skipper Roy Kurz)

Skipper W. Boyle.

Nenrest rival was Northern scale were same terrible required by the sciners and pair learn problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many ressels all produced good North & Harrisl with £34,917 from problems of many research with £34,917 from problems of m

the Granton - registered Arc.

She was the only vessel landing for the final Holy-Week and completed a 24-morket on Thuredey, with reducing 23 of heddock, caught in a 21 day Norway

The other Norway in a 21 day Norway

The other eight distont water trips enine from the Granton - registered Arc.

Also beek from 2,952 kits. She grossing of £53,272

Figheries' Natts Forest (Skipper Joe Herris) was a good third for a 139-fonter, on a 20,933 for 1,612 kits. Both were Norway coast trip.

She turned out meinly cadstuffe, haddocks and almost 900 kits of coley and reds.

The other eight distont water trips enine from the weather obtore inegated weather, which the skippers wenther, which the skippers could do little about.

Worst hit were the Consolidated trip Read Modrid (Skipper John Stringer) to 439,933 for 1,612 kits. Both were Norway coast trips of 453,272

Figheries' Natts Forest (Skipper John Stringer) was a good third for a 139-fonter, on a 20,933 for 1,612 kits. Both were Norway coast trips of 24 day Norway coast trips of 24 day Norway coast trips of 259,444 for 2,146 kits, and reds.

The other eight distont water trips enine from 17 kits and there were no content to 20 day trip.

The other eight distont water trips enine from 18 leight's Island at 190 kits of 250 kits. She down to fishing.

Worst hit were the Consolidated trip Read Modrid (Skipper John Stringer) to 250,933 for 1,612 kits. Both were Norway coast trips of 250,933 for 1,612 kits. Both water trips of 250,933 for 1,612 kits. Both w

At the other end of the while Rass Jaguor, Rass where she was slipped for while Rass Jaguor, Rass where she was slipped for Jackal and Taylor's Ogano all cherk-up before returning ding of 974 kits after 17 days; rare trip to the Humber po

rluding 23 of heddock, caught in a 21 day Norway iskipper B. Owbridge), with the control of the other nine trawlers and landing earlier in the week, (Skipper J. Nelson), with l

# **'Shadow'** of former days

THERE was little to make Eastor Week different to nny other for the Milford phice. Also on aslessed by Havon fieh trado — prawas — an extremely me nlthough grossings word event ut the port these days no in higher level than in Some years ago - sp k provious woeks. This woe the 1960s - prewalanding accounted for by aomo were common with hel gnod raker and cod trawlers bringing in we

The week began with a lan-ing by Norrard Stoding by Norrard Stor vessels stopped fishing the (Skipper Jim Menson). The grounds. vessel landed 165 kits which sold for £1,805. The catch inhighlight of the week with 25 cluded 15 of cod, 35 uf return of Rosevear (Skipper whiting, 60 of raker, three of Alex Simpson). This rese turbut and brill, five of place vontured north to seek and two of soles.

On the following day there or landings by two vessels word landings by two vessels.

Pictan Sealian (Skippor Trovor Soltor) landed for all and grossing. kits which sold for £3,833, while the trish trawler Tron mnde £839 from 46 kits.

Between thom they landed not depleted fleet this is useful to the first of the fi

In torms of quantity, he

FLEETWOOD had big her 123 kits, including 10 st landings of cod for Easter hoke and 50 of cod, making wook but the Iceland £3,504. grounds can toke little On the following dey he credit for it. The main nenr water travier reasons for the supply were Jacinto's recordal although there was also to breaking Greenland catch of 2,738 kite and a late Defence which worked

run of good ood flahing on the Irleh Sea grounde.

Joeinta opened the week with her £54,731 grossing and, on the eame day, there waa en outstanding return for the 109 ft. Landon Tawn (Skipper Jack Kelly).

Defence white the fleeland and Faroe.

She returned to port with 140 of heddock, 225 of cole; and 50 of dogs, which seld fe and 50 of dogs, which seld fe and 50 of dogs, which seld fe and 50 of dogs, which seld for the self fer and the self f

outstanding return for the 109 ft. Landon Tawn (Skipper Jack Kelly).

This vessel landed 435 kits, including 280 of cod, 30 of plaice, 35 of haddock, 25 of coley and 30 of roker, which sold for 19,279 — one of her best-ever grossings.

Also on the same day the small stern trawler Resound (Skipper John Banks) landed (Skipper John Banks)

SAFETY RULES—Merchants hit DON'T BE MISLED Merchants hit 12 months of the Working of the Fishing Vessels 1975 thet Osg Pike, in your April 8 lesue, vey when the time comes! And

should have written at length on the flexibility of the Cepertment's epproach to the problems of applying to expolems of applying to expolems of applying to expolems of applying to expolems of applying to expolement and the standard problems of applying to expolement and the standard problems of vessels until all continuing in applying to expole the standard problems. devised in the first place for vey for a certificate by 1980

new construction. under the six yeers' pheeing-in Thet we would be se flexible provisions. ee was consistent with the con-cept that a vessel unsers to go contact made with local fishing to see should not be ellowed to vessel surveyors early rether do so, has been the then lete? Our surveyors ere Department's promise all along there to help readys owners' That there was to date been

so tittle conflict between ding stability, the simplified owners and surveyore in the rolling test will be acceptable application of the Rules le for vessels under 24.4 metres evidence of our good feith. [80 ft.] in length, excluding I would not, however, wish beem kewlers.

vour resdere to be mieled into M. J. Service, Assistant thinking that enything goes secretary, Marine Olvision, The better a boat is maintained arench 2, Department of the less likely it will fall its sur- Trade.

# Winch firm's 60 AN Arbroath engineer

allegations in the Price keen your trade? Commission's recently "Inften have to sell my fish published Prices and at a lass and lack et these tion of Fish.

On a point of detail regarretail prices are high because half hy selling unfilleted wholesale profit mergins and fish.

60 yours' in engineering on Suturday.

Fishermen from Lerwick tu southern England use the winch manufactured by the Northern Tool and Geer Co.

Northern Tool and Geer Co.

This week the firm's print.

The patering me to compute the two tordes, as fish was on highly perishable product requiring a highly complex overnight delivery service, which was not the case with meat.

Some merchants, however.

Some merchants, however.

perionced merchant told "The Dutch do not wish to help.

FISH merchants in Fishing News, edding: "Does trauhle,"
Grimsby hit back with your hutcher aell your Cersberg. a solid front over weekend joint at a loss just to Fur E. A. Grimehy's Inrgor firms,

George Bates confirmed this figure: "On every stone of fish delivered, say lo Aherystwyth, we pay 52 m in Margins in the Distribu- charman houses you get in some cuts of meat. I could ion of Fish.

Some cuts of mean.

The report hinted wet fish certainly cut my prices by a 25p npproximately goes on preparing the fillets from the preparing the fillets from the

wholesale profit mergins and distribution costs are too big and larger than those on meat.

The report also annayed some merchants by referring to a quadruple mark-up in lish prices, from the market to a quadruple mark-up in the balascaping for the market market in the balascaping for the balascaping for the market in the market in the balascaping for the market in the market in the balascaping for the market in the market in the market in the balascaping for the market in the market i to the housewife, compared to assessing how much he has to it's not easy especially when three-fold one on meet (Fis- set against it in overheads like demand is slack.

ing Nens, April 16].

Ken Beeken, secretary to the Grimshy Fish Merchante' can't work for much less than year're forced to drop away Association, took some of the \$1.20 on a stone or you're in from that \$1.20 to say 46p."

Skipper receives Challenge Shield

THE feat of winning the 1975 Hull Distant Water Challenge Shield by Nowington's stern trowler Hommand Innes wes marked last wook when Capt. B. T. Wortley, moator worden of Hull Trinity House, prosented the trophy to Skipper

Dick Taylor. The ceromony took place during o small carriage, 16µ on the cartnn, Royal Station Hotel.

This was the accord successive year that Hainmond lines has won the

15,783 kits she made



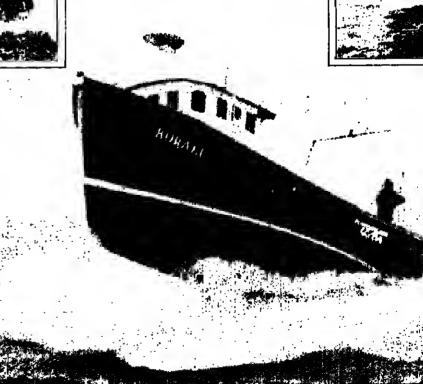
# This week the firm's principal, John Struchan, who began an engineering apprenticeship in Freserburgh in 1915, told how it all came shout. "The late Dove Teviatdale, is not to white Fish Authorise part of the provided deeply and the vessels was put up for the ves highly successful and go to vast profits. N. Ward and Son Ltd., agent Fleetwood market and for the Dritch vessels, said: thought the 700 stone would be a continued by the first believe it." of the Arbroath host Rondom coast. I'm delighted."

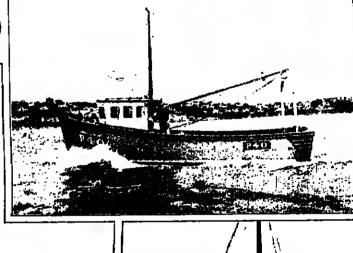


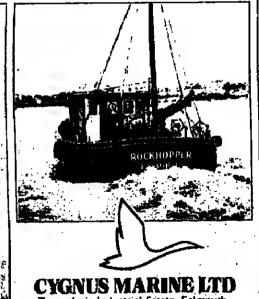
# The GM Range of hulls & complete boats.

Shown, centre, is one of the latest Cygnus Workboats on sea trials off the Curnish chast during a force 9 gale. The 32h "Korall" which is now working off the shores of Sweden is just one of the large number of sturdy GM Range Fishing Vessels being exported. The GM Hulls have all the features of his well proven ancestors, heavy displacement, long straight keel, solid handling etc. The big difference is that it costs fur less and there's next to no gualatenance. All the hulls are built next to no maintenance. All the hulls are built to a high standard of craftsmanship conforming with Lloyds Fishing Boat Rules and W.F.A. requirements. In fact the GRP lamination is in excess with the hulls massive transverse frames un 18" centres and full length lungitudinals. Have a lonk at a Cygnus Workboat, telephone Chris Brooks or Patrick Bray at Penrya 72970.

GM 32 I\_O.A. 32'0" licam 11'6" Deaft 4'0" Beam 11'6"
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When you're engaged in fishery research, the last thing you want to worry about are your diesels. Aware of this, G. L. Watson, designers of MFV 'Squilla', were very concerned over the choice of power for propulsion. They wanted a diesel with low-revving and long-life characteristics, compact dimensions, low specific fuel consumption, and - of prime importance extreme reliability.

They found Kelvin met these requirements perfectly, and a 320 shp T series 8 cylinder Kelvin diesel, driving a Slack and

WE TEND TO think of the hull of a boat es being the barrier SafeTI which keeps the sea out. So it is, but there are also other perts of it boat open to the sea nnd nny leakage in those is just es critical as a hole in the hull.

I am referring to the failure in the engine cooling pipework which carries cool- system. ing water around the engine.

This pinework is subjected to the same prassure as the rest of the hull, yet in many cases the standard of construction is very poor and shows little ragerd to the

These can be particularly high when a boat is moving eliout in a rough sea, and ] wonder just how many of the

inforced, is onsultable. Left: hipe. this wetar injet has all the light

UK coast.

Whowants

to worry about diesels on a

research vessel?

unexplained sinkings of fishing boats are duo to a

A foilure in this system would show fairly quickly on the temperature gouge when raw sca water is used to coul the engine directly. But with the increosing use of Iresh water cooling, the first sign of a foilure could be when the engine atops.

The frash water around the Top left: sescocks on tollet and the alarm. During this time sinks have to be able to with- the engineroom could be

The effect of a fractured factures, except that the pipe can be cumulative, quickly, the bilge pump and seacock is inaccessible and Firstly, the sea cock which electrical installation will would be the first thing to be can stop the flow of water is

Kelvin 💮

Kelvin Diesels - 10-500 shp -

for a long, trouble-free life.

A lot of lishing boats use Parr V/P propeller, was fitted. Now, thanks to dry axhausts, but there is in-Kelvin, the 'Squilla', operated by the Marine rensing use of wet exhausts particularly on smeller fishing hoats. If the sea weter Biological Association, Plymouth, is headed for a long trouble-free life in research around the flow stops, the water injection in the exhaust will also stup.

hoses used for wet exhausts cock comes in to isolate the are not fire resistant and, if the water injection is stopped. the hot exhaust gases will soon melt the rubber and start a lîre.

The only consolution is that the rising water in the engine comportment will put the fire

These examples do serve to show how critical the sea water cooling system is on a host. They show the need for a properly angineered system and the need to nonintain it



From a strength point of view, a system of rigid pines is host. But, those do not nllow for any inovement ul the engine, so nurmally n short length of flexible pipe is introduced. This must be reinforced pipe and must be secured with double worm drive clips on each end.

The worm drive clips must be of the stainless steel type as the others corrode very rapidly.

Failure usually occurs in the flexible longth of pipe and this could well be raplaced on an annual basis. They tend to boot is in herbour, our basis of the tall without much visible warning, evon if you take the risk of forgstting to spectrauhle to check them.

On amailer hoats, where the intake pipe is often flaxi-ble for its whole length, the pipe ahould be carefully accured to prevent movement which could cause it to chafe.

It is not just the inlet pipe, but the whole engine sea water cooling system which is under pressure from the sea outside. This includes pumps and heet exchangers and so every next and heet exchangers and so every next and held the sea of t outside. This includes pumps and heet exchangers and so every part needs to be built to the same high standard.

Soma engina manufacuters could make a better where the engines converted are lorry angines converted for marine use. The cooling system may not receive the attention it deservee.

Lucas Marine make a better

Lucas M

Apart from checking the which the inellegatem at intervale, there are panies could two things which can be done reduce the lite to reduce the effect of a those boas sollies failure in the sea water cool. The inellegatem The first is to fit a must be could from meter into the cooling boats which an de con-



water injection felis. A fire could start very rapidly.

sinks have to be able to withstend the ootside pressure. rapidly filling with water covered by the rising water, nected to an alarm white pleasted piping, unless it is relight to be able to withrapidly filling with water covered by the rising water, nected to an alarm white pressure it is relight to be able to withrapidly filling with water covered by the rising water, nected to an alarm white pressure.

Unless the fluw is stopped enrefully located in the system hecause it could sall indicate water flowing in wr soon be under water and you der pressure from outsite. submarged in the event of a situated close to the hull will have e major problem on even though the water was even the water flowing into the engine conpartment rather than round

> defect in the cooling system long before it is indicated on the temperatura gauge, but what the you do when the flor The heavy duty rubber stops? This is where the sa

> > The sea cocks need oling or greasing regularly to make

sure they work freely and ideally, the spindle should be extended up to deck levels

pipae giving way. A Hering light elarm might give wants

und apprated even thoughts valve itself is under water.

Again ideally, the sea code boot in in herbour, but this them agoin when starting the

A failure in the system can still occur and lying alongside with aboard, Some boa alarm which automat could be connacted flashing light, which a the harhour.

Lucas Marine mai

must be resilient end out.

resourceful to be able to absorb outrageous misfortune as a hazerd work for five or six weeks end the led-turn it to be able to the the lads won't teka much more of this. They went Rarely has this premium for survival been more

Keith want on to explain severely tested than in the the plight of the family paat winter at Grimsby, which has hean little short of terrible.

There have heep fateful

There mouths filled with gloom as the failure of the Humber pence to 75 pance per stone sprag fishing, end those

The Anderson family and pitiless galas, forced most S. Lovelace & Co. Ltd., of men to 'mark time' odd job-bing around their tiny craft. Baaton, ere the last survivors of a once flourishing Lin-A few have left for more secure employment and, now

Claothorpes shellfish sweep this time-hanoured there.

Keitly heve had their share uf But they haven't scored too During the winter they rely well with the metric kit of heavily on whelks and Keith Grimsky where one elderly told Fishing News: "It's been tish merclant, asked what he one of those winters; last year thought of it after one yeor's was bad and this year has use, snapped: "The electric been another. kil, what the hell's that?" "We had to lay up Corrected he replied: "Well Shepherd Lass, although we it's 10 stone isn't it?"

hope she'll go crubbing later, because of the weather and the crewing problem. There's for the dogfish, have had a ordy about 50 wash 1 of crack at trawling and recently wholks) coming in a day at Ted West, in his Peggy 111.

troubles on this scare.



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INSCIORE at Grimsby

colushira whelking trade and Laad Us plied high with crab pots waiting in Grimsby. She is now working 'eround the corner'

Board will not attempt to ease, there could be a living A pleasing nowcomer on which could click at Grimsby.

the inshore scene is Mory the which didn't is the small numbers of local bants and vessel owner, measure (2) quorts and one Also on the move is Lead Allison (SH 163). With Paul Blyth-registered Sea Hunter participating this year, Keith, here had their share if where the planned of the Continued on page 8

Morgaret (GY 334), wos named at Marstnl, Denmark, by Mrs. Frederick Horrison wife of Richardson's numaging director, and the 58 it will be n sorry day if avar just as the silver lining bagins to show, there is a shortege of capable men.

The Anderson's are using soles plus some roker from capable men.

The Anderson's are using soles plus some roker from dacks piled high with erablior new owners Scarborough in the Mahlethorpe grounds.

Troubles

Troubles

If the woather plays no hoped the Metrification more foul tricks and the lides and ready working them more foul tricks and the lides and the lides and the lides and the lides and living and is just the type of vessel which could click at Grimsby. engine, should be ready in

On the spratting front, the season annazingly dragged on into April and, despite the

writs hundled on har gilso:

hit hy the weather, just when the fishing was coming good

and prices were picking up.
Doing rather well after the
first few trips (despite one
hreekdown) is the A. E.
Richardson & Co. Ltd. vessel

Her experienced akipper. Chris Olesen, told Fishing

News some time ago he expected improved fishing this year, but warned: "Much

depends on the markets, es-

pecially in the sunningr," and

looks like being right on

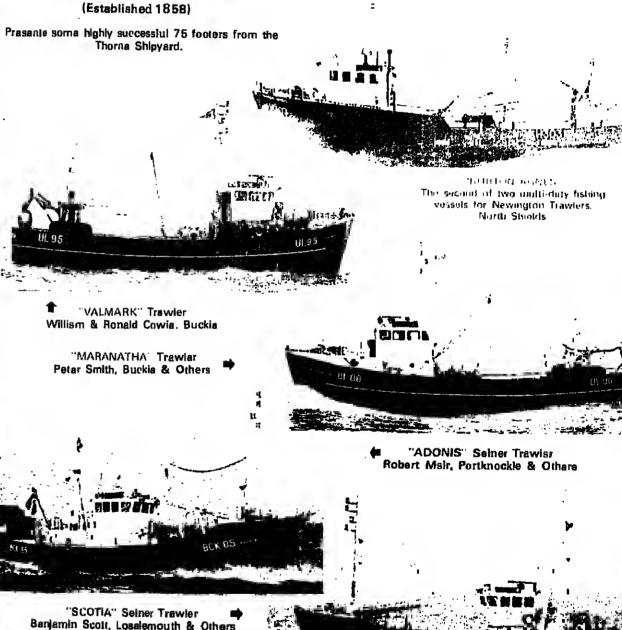
Richardson's new seiner,

Markets

the mark.

The sainars too have been

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FISHING NEWS

When you're engaged in fishery research, the last thing you want to worry about are your diesels. Aware of this, G. L. Watson, designers of MFV 'Squilla', were very concerned over the choice of power for propulsion. They wanted a diesel with low-revving and long-life characteristics, compact dimensions, low specific fuel consumption, and - of prime importance extreme reliability.

They found Kelvin met these requirements perfectly, and a 320 shp T series 8 cylinder Kelvin diesel, driving a Slack and

WE TEND TO think of the hull of a boat as being the barrier which keeps the sea out. So it is, but there are also other parts of a boat open to the sea and any leakage in these is just as critical as a hole in the hull.

I am referring to the nipework which cerries cooling water around the engine.

This pipework is subjected to the seme preseure se the

These can be particularly high when e boat is moving ebout in e rough eee, end

aloks have to be able to withalend the outside preseure. Plestic piping, unless it la rethis water inlet has all the right

Parr V/P propeller, was fitted. Now, thanks to Kelvin, the 'Squilla', operated by the Marine Biological Association, Plymouth, is headed for a long trouble-free life in research around the



Kelvin Diesels - 10-500 shp for a long, trouble-free life.

# Whowants to worry about diesels on a research vessel?



unexpleined sinkings of lishing hoets ers due to a failure in the engine cooling

A failure in this eyetem would show fairly quickly on rest of the lull, yet in many coses the standard of construction is very poor end shows little regard to the engine directly. But with the increesing use of fresh weter cooling, the first eign of a failure could be when the

The fresh water eround the engine will take some time to get really hot end show on the temperature gauge, or sound the enginernom could be repidly filling with water from e fractured see water

The effect of e freetured fastures, except that the pipe can be cumulative. seacock is inaccessible and Firstly, the see cock which would be the first thing to be can stop the flow of weter ie submerged in the event of e situated close to the hull lesk.

plating, and will soon be

your hands A lot af fishing boate use dry axhausts, but there is inreesing use of wet exheusts - narticularly on smaller ishing boats. If the sea water low stops, the water injection

hoses used for wet exhausts cock comes in to solate the the water injection is stopped, the hot sxhaust gases will some melt the rubber end start a fire.

and aperate.

sure they work freely and, ideally, the spindle should be The only consolation is that extended up to deck level so the rising water in the engine

These examples do serve to show how critical the sca water cooling system is on a boat. They show the nesd for a properly engineered system and the need to maintain it well.

### Flexible

From a strength point of visw, a system of rigid pipee bast. But, these do not ellow for any movement of the engine, ao normelly a short length of flexible pipe is intruduced. This must be reinforced pine end must be secured with double worm drive clips on each end.

The worm drive clips must be of the stainless steel type as the others corrode very

Failure usuelly occure in the llexible length of pips end this could well be repleced on on annual basis. They tend to feil without much visible warning, even if you take the trouble to check them.

Agein ideally, its see that the ideally, its see that ideally, its see that the ideally, its see that ideally, its see that the ideally, its see that its in herbour, but this is rarely done because of the risk of forgetting to open that its in herbour, but this is rarely done because of the risk of forgetting to open that its in herbour, but this is rarely done because of the risk of forgetting to open that its in herbour, but this is rarely done because of the risk of forgetting to open that its in herbour, but it is in he

On smeller hoats, where the intake pipe is often fisxi-his for its whole langth, the pipe should be carefully secured to prevent movement which could couse it to chefe. system can still occur when

sboard. Some boots fit a bild hut the whole angine ees weter cooling eyetem which is elarm which eutoma under pressure from the ses outsids. This includes pumpe end heet exchengere and secretary in the water rises above a certain level. Such an electric so every part needs to be built to the same high etenderd.
Some engine menufec-

Some engine menufecturers could meke e better showing hera, particularly where the enginee concerned. Lucee Marine make al light, similar to those use breakdown lorries, are lorry engines converted breakdown lorries, for marins use. The cooling also be made to serve eyatem may not receive the or a burglar alarmost attention it deserves.

Perhape this is so

Apart from checking the which the insurar Apart from checking the which the system at intervals, there are panies could two things which can be done reduce the storeduce the effect of a those boats soft failure in the sea water cool the insurance ingressem. The first le to fit a must be conform meter into the cooling boats which all eyetem which can be con-



This well engineered wat exhaust system is atill vulnerable if the water injection falls. A firs could atart vary rapidly.

meking it difficult to locets sounds if the flow stops.

Unless the flow is stopped carefully located in the quickly, the bilge pump and system because it could still electricel instelletion will indicete water flowing in unsoon be under water and you der pressure from outside, will have a major problem on evan though the water was flowing into the engine compartment rather than round

The sea cocks need oiling

or greasing regularly to make

bour could be the result of pipes giving way. A fleshing

light sisrm might give warning before it is too lets.

that they can still be found and operated even though the valve itself is under water.

Agein ideally, the see cocks

A feilure in the cooling

A flow meter will show a defect in the cooling system long before it is indicated on the temperature gauge, but in the exhaust will also stop.
The heavy duty rubber stops? This is where the sea

Shepherd Lass, although we it's 10 stone isn't it?"
hope she'll go crebbing later. One or two of the other inherause of the weether ond shores, fed up with woiling the crewing problem. There's for the dogfish, have had a

Troubles

the leds won't take much more of this. They want Rsrely has this premium

severely tested then in the the plight of the femily pest winter st Grimsby, husiness, which feees all sorts which has been little short of of problems, where even the price of eod, or dogfish, heeds used as hait lies risen from 50 There have hean fateful mouths filled with gloom as the failure of the Humber apprag fahing, and those

pitiless geles, forced most men to 'merk time' old job-ling ground their tiny creft. S. Levelece & Co. Ltd., of of a once flourishing Linculnshire whelking treds end it will he a sorry day if ever

secure employment end, now just as the silver lining begins to show, there is a shortage of capable men.

During the winter they rely well with the metric kit st envily on whelks and Keith Crimshy where one elderly told Fishing News: "It's been lish merchant, asked what he one of those winters; lost year thought of it after one year's was had and this year has use, snapped: "The electric "We had to lay up ('orrected, he replied: "Well

only about 50 wash (of crack at trawling oud recently shelks) coming in o day at Ted West, in his Peggy III



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writs hundled on her hit hy the weether, just when the fishing was coming good end prices were picking up. Doing rather well after the

Lead Us piled high with creb pota waiting in Grimeby. She is now working 'eround the corner'.

brought beck the first signs of teinl. She steamed out the year-old boot will try her luck

hoped the Mstrificotion more foul tricks and the lides 'around the corner'.

Board will not sttempt to case, there could be a living A pleasing newcomer on which could click at Grimshy.

merchant and vessel owner, was used this some second and his some pint into planned obtained the pint into planned obtained

wife of Richardson's managing director, and the 58-feater, with a Gardner 8L3B

scoson amazingly dragged on into April ond, despite the

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first few trlps (despite one hreakdown) is the A. E. Richardson & Co. Ltd. vessel Linda Lise.

Markets

Her experienced skipper, Chria Olesen, told Fishing News some time ago he expected improved fishing this year, but werned: "Much depends an the merkets, esnecially in the sumnsr," end he looks like being right on

The seiners too have been

Richardson's new seinor, Margaret (GY 334), was anmed at Marstal, Dsamsrk, by Mrs. Frederick Harrison,

they are squeezed out.

The Anderson's ere using sales plus some roker from 2/3rd size wash secks, for ease of handling, and it is to be the Mahlethorpe grounds.

It hought beck the first signs af teinl. She steamed out the year-old boat will try her luck for new awners Scarborough ongine, should be ready in the Mahlethorpe grounds.

If the weather plays no already working them Sleight (F.S.1 Ltd. bonner.)

On the spratting front, the Sleight (F.S.1 Ltd. bonner.)

Most of the shipwrights back. Poor ald Fred! have gone through a quiet period too, but there has been n recent upswing since Marine Diesel (Service) Ltd. clinched the Rnmme rope

### Fast

Bridges & Salmon Ltd. helped fit Fiono Jane in en amazing 24 days (even better than the Danes) and Ernest Leggett did another speedy woodwork job as Suromoo

Next in line is Allard Hewson's Gladnes and they have also completed a hig replank-

Regular renders will recall Bundles of wells on the unfor the story some weeks ngo of tunate Saa Hunter.



M/V Carmoanose

chose Simurad Somar

and Echosounders.

the ideal fish finding systems

inexplicable reeson, he "I WANT a boat ebout Boats up to 80ft. long linve 30fl. long with a been built in the past, but clinker-buill wooden modern insistence on thut only beach boats

up to about 18fl. are lays. Is this e fect? l should olso like to know fore, almost been loet. up to whet eize hulle can or ould be clinker-built nowadeye and what their adven-

It is untrue that wooden hulls up to about 18ft, only are clinker-built nowedays.

Hastings heach hoets over Oft. long are built from time construct hoats up to 36ft, stronger.

hull, but have heard drawings, rules and possible to continue the old ip to about 18fl. are method of building 'by eye'. linker-built nowa- Knowledge of how to build without moulde hes, there-An additional deterrent to

huilding fishing boate over 32ft. long clinker fachion is that WFA rules require eawn I're mee to be used and so the advantages of low cost, light weight and flexibility ere lost.

Clinker-built boete are lighter then cervel-built to time on the south coast; hours, hecause cervel planks which make them eminently 16 it. creft are sturdy open built in Yorkshire; and one or seems to be coulked. In hoats. tronger.

Comparatively light weight and high strength, combined with a superior ability to 'lift'

These are advantegee with a sea on account of the sea of tradition design in tended for rowing or propelling by outboard or inbeard engine.

The 18. 22 % and sea on account of the sea of tradition design in tended for rowing or propelling by outboard or inbeard engine.

The 18. 22 % and sea on account of the sea of tradition design in tended for rowing or propelling by outboard or inbeard engine. two huilders in Scotlend still smaller sizes they ere also

# roughly 500 tons of fish passed through the port this season, compared with about 901 tons last time. A lot of catches were lended at Shields. April 23, 1976 Carn I get a Clinker April 23, 1976 Carn I get a Clinker April 23, 1976 Carn I get a Clinker Carn I VENOR INSTALL YOUR POTS Skipper Francois Wintein in Glendo had one of the best returns and it was a pity the meal prices couldn't have been block block

SINCE reports on performonces of Kavel and Venor pots were published in a Log on February 20, I have received eeveral inquiries about the chape and size of them, and about sources of eupply.

IF YOU want to install an engine In a boat, a copy of a manual recently published by Perkina Engines Ltd. may be of use to you.

It is called Marine Engine installetion Know-how end has been produced by the compeny's epplications of engine speeds, operating in the information contained in it will be of value whatever type of engine you propose to install an engines Ltd. may be of use to you.

There are chaptere on engine selection, technical data (sterting performence, engine speeds, operating) There are engine selection data (sterting per engine speede, or paremsters, transmissions, auxingustems and is six eided with e top entrence.

It is 27in. long, 28in. wide, 18in. high end weighs 9lb. before ballest ie added. The funnel-shaped entrance is made of smooth polythene and is 10in. wide at the top.

The pot is mede by A. and Guillouard, 16 Boulevard Martyrs, Nenter and Stance.

L. Guillouard, 16 Boulevards des Martyrs, Nentaie de la Rasistance, 44 Nentes, **Wetric weight** 

The Venor is elso an ellplastic pot — made in
Norwey. It is constructed in
two helves which fit together
to form a sort of inhursh part

two helves which fit together to form a sort of inkwell pot.

When they ere joined, by a twisting movement which engages lugs, the pot stands 15in. high and hee a diemeter in the middle of 23in.

Diometer of top and bottom ends is 141in.

"I can never remember given in tonnee nowadeys, 8 tonne equals 1000 kiloe, nearly excrens.

The Torry Advisory Notee No. 17 and 40 will tall you all ebout weights and measuree used in the fishing inductry end what their metric equivalents are

they are sant with a stamped, ad-

ends is 14½in.

The entrance through the top is a smooth plaetic funnel 5¼in. deep, 7¼in. across the outer, 3½in. across the inner, and fine top and bottom you?"

The metric equivelent of They are obtainable (free) a stone is approximetely 6.4 from the Torry Research Station, PO Bux 31, 135 Abbey kilos; s cran, 183 kiloe; end a Road, Aherdeen AB9 8DG.

# Earlier models of this pot weighed only 3lb. and, of course, required oddition of course, required oddition of other forms of

OWN ENGINE

weight. More recent models have an iron ring incorporoted in the plastic et the base and require no extra weight.

Importer of this pot is Tristrem Fox Ltd., 2 Russia Row, London EC2V 8BR. They may elso be obtainable from Noviss Plastics Ltd.

Spanlah mackerel differ from mackerel usually caught off the south coast of England? Are they ever enught there and, if so, how?"

Spenish meckerel on lines ond in gill nets—but not in commercial quentities.

Spanlah mackerel differ from mackerel usually caught off the south coast of England? Are they ever enught there and, if so, on lines ond in gill nets—but not in commercial quentities.

Spanlah mackerel differ from mackerel differ from mackerel usually caught off the south coast of England? Are they ever enught there and, if so, in lines ond in gill nets—but not in commercial quentities.

Spanlah mackerel differ from mackerel differ from mackerel usually caught off the south coast of England? Are they ever enught there and, if so, in lines on dingill nets—but not in commercial quentities.

Spanlah mackerel differ from mackerel differ from mackerel usually caught off the south coast of England? Are they ever enught there and, if so, in lines on dingill nets—but not in commercial quentities.

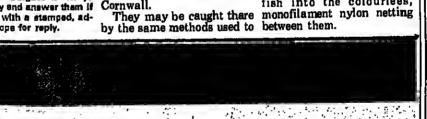
Spanlah mackerel differ from mackere

Row. London EC2V 8BR.
They may elso be obtainable from Noviss Plaetics Ltd., Golborne, Warrington, Lenceshire.

Spenieh meckerel (ecomberomoroue) differ from the common mackerel (ecomberomoroue) in having swim bladdere, larger eyee and larger scales below their pectoral fine.

ANY
QUESTIONS?

If you have any questions shout boats, aquipment, easr or methods, John Surgass is slways prepared to try end answer than if they may be caught thare monofilament nylon netting the continuous in the colourlees, monofilament nylon netting the continuous in the continu





tainable from VEB 75m. (246ft.).

Tyrotechnik Silherhutte,

301 Silberhuttekreie, for them translated into

lapstrake construction, are to WFA and Irish Sea

qualities which make them Fisheries Board re-suitable for use as lifeboets. quirements.

it would be nnother clear ad-vantage. honts with spacious forward wheelhouse; double-ended or

You could find out whether this is a foct nowndeys by checking with a Scottish boet builder who specielises in constructing 14, 16, 18, 22, 26 and 100 house; double-ended with transom stera.

Standard propulsion engines are 10 and 22hpSabb and 30 and 44hp Lister diesels. Masts, derirks, hydraulic not ar line haults.

and 30ft, bonts.

His firm is known as the and all essential equipment.

Elion Boathuilding Company and its yard is at Castledykes, Kircudhright.

Such as ground tackle, unvigation and fishing light, can be supplied with each

THE WAY OF THE CONTROL

They can be delivered as

open hoats or es half-decked

can be supplied with each

It they are still less expen-

sive to build than carvel boats

The company's 14 and boat.

IF YOU should happen to wunt n line throwing device which is not so bulky nud can be thrown further than existing

devices, one recently introduced by a firm in Germany might sorve your

purpose very well.

Known as the
Leinenwurfgerat 60 (LWG
60), it is a device which you
hold in one hand, screw in
and fire a propelling charge

with the other.

If held at the correct angle, it is said to throw o line 75 metres in atill air, 60m. against and 100m. with o 17

making flake loe in small quentities, I have received details of plants fieh boxae. It gives efficient designed to produce tube cooling as it does not bridge.

ice and require four or more even large machines,

quantity of circulated water metree. quantity of circulated water and becomes purer than the water from which it is frozen.

It can be supplied from the generalore with or without sub-cooling as desired. Due to only one man Califfer its form and grain size, it is operating costs at the pack together or whether or plants are obtained. together - whether or plants are obtain le sub-cooled Stall Levin Ltd. not it le sub-cooled.

"It is said to be ideal for use Works, Yiewsley.

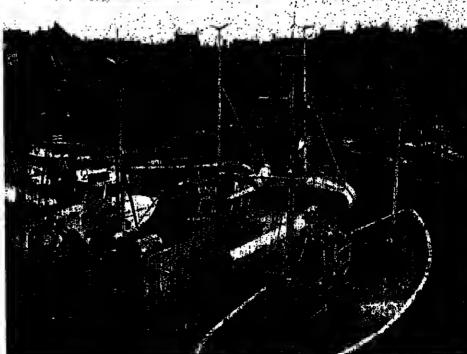
In fishing vessels and for icing West Draylon."

lce in larger quantities. Electric power con-lf you prefer tube to flake tion of the plants is very tons a day, the plants may be of intarect to you.

Known as STAL automatic tube ice plants the ice that tube ice plants, the ice they every 24 hours occur produce is frozen from a large floor space of only 13 sq

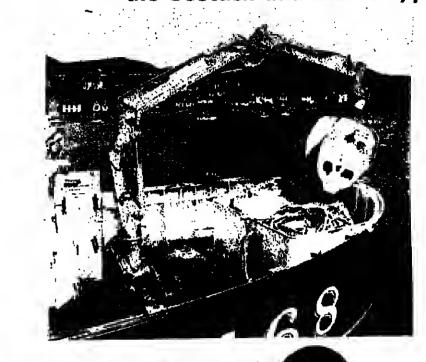
The Germen-mads line

English. Otherwise you may



Seen eheltering in Lerwick Her- Kinglisher, leunched recently, are Cygnet, Petrel and Sandour recently is the new HMS is the first of a new cless of piper. After leaving Lerwick, Kingfisher, surrounded by local 79ft, protection launches. The Kingfisher resumed protection foreign fishing vessels, others, yet to be completed, duties in the North Sec.

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number of vessels now make more profil using Simred.

sonar and CM scope, EQ echosounder with bollom lock expansion and CI scope, EL es e secondery sounder end EX

inshora fishing off to a good start in Scotland this year. During the first nine weeks of 1976 the total landings of fish at Scottish ports amounted to 79,706 tonnes valued at

£12,219,421, as against 85,954 tonnes worth

£10,407,941 during the same period in 1975.

This represents e 7.8 per cent drop in weight but a 17.4 per cent increase in value.

From a breakdown of the weight and value of white field with a straight and value of white field and shallfish have gone up.

about 50 per cent down in also shown a good incresse weight and 30 per cent less in with the weight and velue of

With the inshine flaet con-irributing the bulk of lendings Apart from the herring

in Scotland, it is evident that hoats, the inshore fleet sesms

DEEPSEA

ONLY ABOUT 86 trawlers are now fishing trawlers.

scallons, ond the value of

and shellfish heve gone up. Iy in the year.

# A DRAMATIC first - hand eccount of e Lossiemouth skipper's trip home from the East The Great Gale of at the end of the 1893 seeson has come to light et Peterheed. The skinner wes weshed

# by John Campbell, skipper of the Lossiemouth sailboat 'Glide'

stones es ballast end Firth does not the Moray tanted eight of a crew.

Stones es ballast end Firth does not the Movember 17, 1893, the an inspired decision in and that year, recall chenging the seils sev
The agony, the sultering, hontewards. All the evile of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidate of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of every the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of every through the seeson that is pest; all the dorkness indescribable. The horror of ell that followed hed aven been suspected, the decidates of every through the seeson that is pest; all the dorkness indescribable. The dorkness indescribable that followed hed aven been suspected, the decidates of every through the seeson that is pest; all the dorkness indescribable. The dorkness indescribable that followed hed aven been suspected, the decidates of every through the seeson that is pest; all the dorkness indescribable. The dorkness indescribable that followed hed aven been suspected, the decidates of every through the seeson that is pest; all the seeson that is pest; all the seeson that is pest; all the seeson that is pest

we would proceed es fer as our vessel two rings of the Winterton end there anchor until Seturday morning, when it would be decided whether wa were to continue

on their voyage or not.

When wa left Lowestoft, the wind wes S.S.W., not very

The wind wes S.S.W., not very

The wind wes S.S.W., not very

The wind wes selected that it would require better cenves than we had — and our sail was quite the selected that the selected that it would require better cenves than we had — and our sail was quite that the selected that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require better cenves than we had — and our sail was quite that it would require the would require better cenves than we had — and our sail was quite that it would require the would require the world requi strong, but the gless was ex-

### Frost

Winterton was reached peak. This I did to save the ebout 4 to 5 pm, when the same weether conditions were ohtaining. Thue, ageinet our own better judgemant, we were encouraged to proceed homeward in company with the others, the wind was now e little more northarly, and the course for home set, ee the wind had veared round to a

Towards evening, e strong frost ceme down and the wind In point of fect, I had my In point of fect, I had my be ckad to tha Wast or W.N.W. The eail which had knife in my hand to cut, when previously been reduced to instead of cutting I was "three rings" was now in prompted to roll. I rolled the creased until the veesels wera peak round the yard, then spanking clong at e ratting lashed it firmly round with spanking olong at e rattling lashed it firmly round with good epsed at 10 pm on Fridey, each carrying the oresail, tha ntizzen end tha

Thus was tha journey continued until about deylight or mant. I have no doubt it was o'clock on Saturdey morning. At 4 o'clock in the mor-

Toiler must heve left Lowestoft some hours later than us, they would have reached the neighbourhood of In the midet of the preva

somewhere between Flam-borough and Spurn, with the Humber estern Towards the open sea. houre of 7 or 8 o'clock that that noonday hour on Satur

At thet hour all the boats which had left Lowestoft, end eeveral othere which hed been whet pen shell ever describe whether the pen shell ever describe whethe

SCOTLAND

far distant from us eod coming directly towards us. At the time we were ecudding along with e fine two-sail breeze.

As eoon as my eyes fell upon the bleck, terrifying awesome mese that seemed to be coming towards us likes huge octopus. I reo towards the fore helyarde, shouting as the fore helyarde, shouting as helyarde."

Quicker then lightning list go the fora helyards end, as

go the fora helysids end, at the sails with their yards fell upon the deck, the bugs black

niass etruck us.

Never before or since have
I seen anything like it.

Sea, wind and blinding

snaw enveloped us in feeling thet ceme to us, the atmosphere that surrounded us

Adant Addison), Toiler of Ysrmouth or Lowastoft, some crewmen hed been lost.

Adant Addison), Toiler of Ysrmouth or Lowastoft, some crewmen hed been lost.

Adant Addison), Toiler of Ysrmouth or Lowastoft, some crewmen hed been lost.

Adant Addison), Toiler of Ysrmouth or Lowastoft, some crewmen lost crewmen hed been lost.

Adant Addison), Toiler of Ysrmouth or Lowastoft, some crewmen lost crewmen hed been lost.

Adant Addison), Toiler of Ysrmouth or Lowastoft, some crewmen lost connected that considered that considered end under the leaving Lowestoft, I hed resolved that, in view of the weether conditions obtaining, with greet difficulty we gave our vessel two rings of the

Snuggling up everything se proceaded towards land Before raising the sail Seine net vessels have done operating costs, only about 50 the closedown of the west particularly well, lending vessels are currently out of coest grounds. white fish worth £3,821,582 as service for economic reesons. naw - to stend the test that I knew ley before us.

To give our sail every chance, I resolved to roll up

ceeding r50,000 by the end of troubles are over? sail all the chake that I knew quite well the sail would have to undergo, and which a

would never stand. I confess it was en inspiraeviteble, unsccountable prompting that often comes to nien in the hour of danger. I had never eeen or heard of

t being done, although I had

that came to me et that mo-The sail wee relead just the

ning the light of the inner Dowsing had been eighted bearing about West.

In this vicinity Toiler of Lossiemouth was lest seen, riding out the breeze. As

### Open sea

Dowsing when the storm broke.

At 7 o'clock Glide wee land. Our only hope of somewhere between Flore

When shall I 6 morning the Glide ley dey, November 18, 1893 becalmed. when Glide wee laid about the control of the control of

everal othere which hed been encountered with on the wey bome, were together. The unfortunate Glide of Cullen wee the next boat to the Glide of Losaiemouth.

About nine o'clock, with a light wind from the N.E., the foresail was tacked. An hour leter, when in the cabin finishing breakfeet, I. was hurrledly called to the deck.

Reaching the deck I beheld epproaching use a moving, bleck, heevy mass of wind end sea, mingled with snow. The spectacle, moving bodily from the north cest, was not

from Aberdeen while the fleet at Granton, Scotland's only other deepsea port, is reduced to six vessels. About 21 boats are laid-up in Aberdeen and Granton, while another 14 are remployed in the North Sea oil industry.

Four vessels — two from Aherdeen and two from tirauton — were acrapped late in 1975, while four more Allerdeen hoets heve gone for Scraw since the North Sea oil industry.

Four vessels — two from Aherdeen and two from period in 1975. This is quite a significent increase.

Fawer hoats ware fishing the seme strict the next few months.

Fawer hoats ware fishing the stocks would the quota restrictions end fall dangerously low in the minimum mash size minim

£2,052,698, eer egeinst He soid that the 100-mile tion as imperetive for the sur-

A sed end acrry eight at Abar-vivol of the industry. He is The trowlers had been deen Leid-up elda trawlers lina strangly critical of the making heavy inroads into

quota system. Within three or pects its own hoats to conform home-caught fish could well

terested in building new boats 
News that all the hig seiners problem. 
Ishermen are already suffer-during the closedown off the the effects of industrial in the 70ft, size ronge and working through his office 
Main fears, then, still century from this north-east of England, when Ishing by foreign vessels will some leading members of the were grossing more than they tre on the outcome of the stock depletion. Their line scores of foreign vessels were begin to bute even further.

Apart from the big issues industry had forecast that the were doing a year ago.

EET Common Fisheries dings up to March 6 this year lying just outside the limits — Apart from the big issues. industry had forecast that the were doing a year ago. EET Tommon Fisheries diags up to March 6 this year tynig just outside the limits — Afair from the highest find and industrial seine net fleet could have its. The hig worry is that, Policy re-negotiations and amounted to 23,461 tommos widting to scoop up the same fisheries finds and industrial seine net fleet could have its. The hig worry is that, Policy re-negotiations and amounted to 23,461 tommos widting to scoop up the same fisheries and industrial seine net fleet could have its. although these hoats were what is to happen if our valued of £2,205,362, com- fish which the Scots were £x- ti-hing, the inshoremen still

these vessels—other than the to be in a hoppier position. The Soft. Junevo IV is typical of Tishermen only have expanded with 34,869 tonnes pected to leave alone. The soft of the soft of

as a whole, is that the quota the Government for the way run our own fleet. We would 

reding r51,000 by the end of troubles are over?

A spokesman for one of the cause for convern mhont the There is even indication largest agents in Scotland for thurse availability of fish and largest agents agent agents agents agents agents agents agents agents agents agent agents that some skippers are inseine net vessels told Fishing indicates an over fishing. The Scottish herring was illustrated last summer, white lish catchers are that

Despite the increase in lorged to go white fishing by around our shares. the same period in 1975. Told Fishing News that, if the operating costs, only about 50 the closedown of the west the operating costs, only about 50 the closedown of the west the operating fishermen have UK is granted an extension of vessels are currently out of cost grounds.

have other problems. Chief among these is inflation. which cominues to post operating costs up and boat profit margins down.

Even the top-carning einers find that operating osts have kept pace with the nerease in fish prices, so net parnings are no more tha

hey were a year ago. inning imports of foreign fish will begin to push prices down again, especially in the unmmer when there is usually seasonal drop in demand. Another running sore with

some skippers is the conthe dock wall et the port whose fleet has now sunk to 86 trawlers.

Strangly critical of the making heavy inroads into Government end its hendling their quatas to take advantage of the present situation.

The present situation of the present situation of the present situation.

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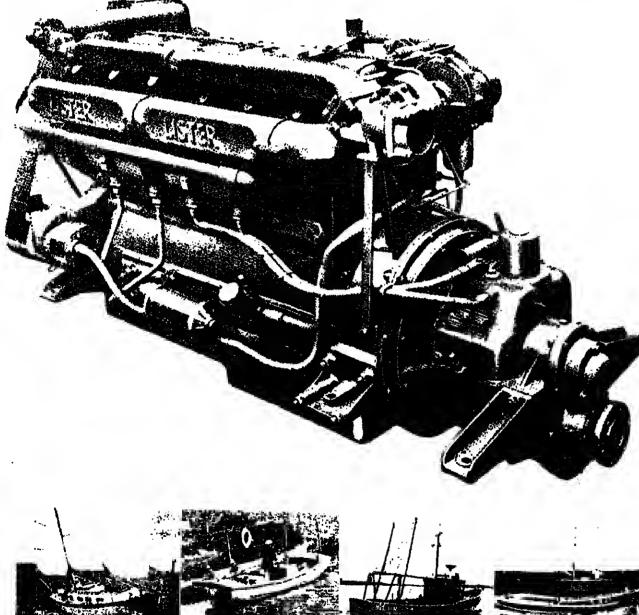
The present situation of the present situation of the present situation of the present situation.

The present situation of the pr limit would ellow the British industry to teke meesures to canserve the stocks by equals avstem Within themselves to catch immeture around its coasts and yet experious work and prices for industry and prices for industry to teke meesures to catch immeture cheap foreign fish is atill a around its coasts and yet experious work and prices for industry. The Herring ludustry Board and White Fish Authority have been criticised for not checking the financial soundness of carried and white process of the could well run out of ludustry board and White financial soundness of criticised for not checking the financial soundness of carried and white process of the could well run out of ludustry board and White financial soundness of criticised for not checking the could be compared to the

Delays at other yords mean that campleted vessels are

significent increase. Fawer hoats ware fishing desired the formand cause was fishing activities are given on the first nine weeks fishing the protection and cocount of daprecimant of the trawler owners acids to the cocount of dapreciman and the eventual ley up of fishing. The trawler owners acids to the cocount of dapreciman and the eventual ley up of fishing. The provided hat, by the ond of March, though the the desiration of the flest, as it heppens, however, the trawler owner, the raile of white fish landed in Sculland by treveler over accept the product of the flest than the product of the flest

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Hawken Brifdelik Group supports mechanical, electrical and serospace equipment with world, with a later and private.

# the pages

THE FIRST meeting of the new Humberside Shure Fiehermen's Association was held in the Central Hall, Grimsby, with Skipper Dennis McKenny in the chair Brought into being as an ulternative to the official Grimsby Seiners' Association, this new 'ginger' group was very much McKenny's conception and it was he who led it through the first dramatic weeks of existence.

At 37 McKenny Thetter known as 'Mnc' on Humber- and urged that in future all teacher for a short time. There was also a plea that the meeting. Crawford did before taking up fishing and the Government reconsider not try to dissuada the men

mistakable appearance (the result. Finally, the Associaand a powerful style of speak- Federation proposal that Bri-ing that always left a mark on thin should have a 50-mile his audience. Some suspected fishing limit. him of modue militancy but. The letter closed with e recognised as a political blockades being used to supanimal, no one could attach a port these claims. label to him. By is own definition his views by "somewhere

his approach to problems was the policy of registering all but immediately bagan disimpressively analytical.

Added to this was his unlabel to this was his unlabel.

Added to this was his unlabel to the would be a superscript and the policy of registering all but immediately bagan discussing tactics. Press were soon comparing tion threw its support behind him to Ahraham Lincoln) the Scottish Fisheries'

# Tyne blocked

between Jeremy Thorpe and Mon Tse Tung.

Headline news

Headline news

The North Shields fishermen met in the Seamen's Mission at 10 am. Although there were in the Seamen's Mission at 10 am. Although there were made hendline news and fishermen all uver the UK were watching with great in mediately. Crawford tried to modernte this feeling hy see-were watching with great in ing if he could arrange as the survival of inshore fishing as an incoposed postponing any action until the meeting with mroposed postponing any action until the meeting with were deals or find the meeting with were deals or committee get some sleep and reason at 10 am. Although there were strong dispersion of the disruption of the warious netional fleets.

What I can understand the Committee get some sleep and reason at faur a.m. But John Thomsun couldn't sleep. Instead he had a walk down their market. As far as overfishing le concerned, the second their market. As far as overfishing le concerned, the second their market and incomplete the leepsee trawler there were strong differences between the tleepsee trawler fishing that the meeting with was quiet. He arrived by hlockading. He proposed postponing any action until the meeting with were deals or committee get some sleep and reason and the disruption of the disruption

Fishermen's Association, atill contact et the Civil Service.

He returned to the meeting an official representative to find thet a decision had hody, wrote en open letter to heen made in hie absence to the Minister of Agriculture blocknde the Tyne from three hed held up until that calling for a halt to imported o'clock that afternoon. lish from non-EEC countries Realising the strong resolve of

**BOOK REVIEW** 

TO MARK the first anniversery of the fishermen's blockede, e book was published leet week telling the story of how this historic ection led to the for the EEC not be sufficient. aealing off of many Britleh ports. The author of Blockade '75, Gevin cergill, hes patiently put together a atory which describes the desperate of the Law of economic eituation of fishermen, who finelly hed to put themselves beyond the law to drew attention to their plight. With kind permission of tha publishers we reproduce extrecta from the book.



Action Committee fishermen's fight for recogni-

area that relied almost ex-

this meeting wes considered

to he the beat controlled end many said that they had been organised meeting thet they against militant ection, but hed held up until that may sew no alternetive to it. They had tea on board one of efficient wey which the here they had been the properties of the p FOR PEOPLE outside tha livelihoods drifting away fiehing industry, the fram thom. They were blackading of British threatened men with no ports last year was just e court of appeal.
serica of fleating The important point
heudlines linked to the made in the port of the

# nnw common practice of book which describes the

munity making a protest rouliantion by inchoremen nt the expense of others. that they could mobilise To publish o 52-page themeelvee Into a Tha author: Gavin Cargill

The is fair commont, until the content of Biockode 75 is examined closely. For two-thirds of the book the author— who has obviously researched his subject— rounded the blockades in prossures on fishermen contrates on factual reading at a reasonable that they watched their prosentation of events much an action which, drematic acene, repeeted in norts all over the country. In the book so are fully freshold an action which, drematic acene, repeeted in norts all over the country. In the book began to disperse. It was a feature of the whole operation that it were seen from the chore as a line of with the same navel precision with which it was put on:

\*\*The book oarefully avoide the over dustry, the book is ob-painstakingly reflects the the national press. It conmatts all over the country. In the boats began to disperse. It was a feature of the whole operation that it were seen from the chore as a line of with the same navel precision with which it was put on:

\*\*The book oarefully avoide the fishing infinite in convoy.\*\*

The Action Committee was told of the first moves. Their armada hed put to sea. Over the telephone they heard that the prosentation of events price.

\*\*Blockade 75 by Capin the despite the telephone they heard that the boats began to disperse. It was a feature of the whole operation that it was a feature of the whole operation that it was put on:

\*\*The book oarefully fine the contry. In the boats began to disperse. It was a feature of the whole operation that it was a feature of the whole operation that it was a feature of the whole operation that it was a feature of the whole operation that it was put on:

\*\*The book oarefully fine the contry. In the boats began to disperse. It was a feature of the whole operation that it was put on:

\*\*The book oarefully fine the control of the first moves. The control of t

THIS MEETING, held in the conference room of one of Aherdeen's huxury hotels, wes the contained little in the way of Aherdeen's huxury hotels, wes the watershed in the a reward. He was supported

A spokesman for the Scotclusively on fishing for its tish Trawlers' Federation At one n.m. in the economic well-heing. They argued that nothing would be Gloucoster Hotel, David

he various netional fleets. between the ileepsee trawler Perhops for the first time fleet and the inchore fleet —

about the time they would be the harbour. then waiting to hear what the Ministar had to offer. Eventually Willie Hay, es chairmon, proposed e blockade of chosen ports for a definite period and this was to be called off.

Called off

So, at 2.30 am, Willie Hay the marketing side, I think the merketing side, I think the merketing side, I think the major problems last that the ection was to be called off. seconded.

### Scots' move

hitehills fleet. On board the tion: bonk shout this action politically effective force, and reflocte the torment (Willie Milne's brother) demands bad been met, seem to be exceeding to hungar to the cost tells ability and headed the flast out to e time (2) There was a genuine seem to be excessive to hing on to the coat talls in the highly organised motion an action which, until the content of large extention to their themselves.

(Willie Milne's brother) demands bad been met, headed the flaet out to e tune (2) There was a genuine on the bagpipas. It was e belief that the Government demands bad been met, headed the flaet out to e tune (2) There was a genuine on the bagpipas. It was e belief that the Government demands bad been met, where the content of the despite that the flaet out to e tune (2) There was a genuine on the bagpipas. It was e belief that the Government demands bad been met.

FN You say that the instance will be industry headed the flaet out to e tune (2) There was a genuine on the bagpipas. It was e belief that the Government demands bad been met.

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FN You say that the instance will be industry headed the flaet out to e tune (2) There was a genuine on the bagpipas. It was e belief that the Government demands bad been met.

Mckenny on the situation in Other boats from Peterhead Humberside. He atreseed how and Fraserburgh were the only onse who could be

Forth heading for Leith and by Crawford and the Granton. From the outer isles tand there is heavy criticism secretary of the Firth of of Shetloud hoats made for although he was generally reference to selected recognised as a political blockades being used to sup-Stornoway was also haing FN One is tempted to odd the hlockaded

meeting with the Minister. He left the meeting to phone his the fisherman showed their mainly that trawler skippers was decided nat to go down to Scots ere. Therefore I fed The Humberside Shere left the meeting to phone his shermen's Association, atill contact et the Civil Service.

He returned to the meeting to phone his serious concern. Certainly went out to fish or not.

the fisherman showed their mainly that trawler skippers was neceded nat to go down to scots ere. Increase was neceded nat to go down to scots ere. As the arguments went on, nothing tu he seen spart from effective quota under Britis It was beginning to become apparent that many saw auch action es being most useful mass of lights at the mouth of this time illustrates what cooks are being most useful mass of lights at the mouth of this time illustrates what cooks are being most useful mass of lights at the mouth of this time illustrates what cooks are being most useful mass of lights at the mouth of this time illustrates what cooks are being most useful mass of lights at the mouth of this time illustrates what cooks are being most useful mass of lights at the mouth of the second mass of lights at the

> Called off period and thie was 'Snowflake' was the code

FN WHAT do you think should be done to ensure a healthy future for inshore

WH I feel the future of the inshore industry is very brisk nravided we can get the imits problem sorted out and that the Government effect ively controls imports and revents dumping.

unference would be a rest iniprovement on the present situation by effectively conrolling the catching power of the non-EEC countries - but strongly feel that it is essen-ial the UK negotistes an erlusive 100-mile limit, so that e can effectively control ad ouserve our own stocks to revent the indiscriminate or ishing, not only of non-EFC countries but, also, some of our own EEC pariners.

FN Whom in particular!

WH Well, in my own erperience, the losin culpils re the Danes - ss you know 80 per cent of their esten goes for fish meal and the UK fishermen have always been against industrial fishing recause of its overall impact on the stocks. I fully approcrate that the Danish is ilustry has heen built up in the last few years with strong emphasis on industria ishing, end that they would lave to go through a maje econstruction to adjust the alance in favour of human Crucial meeting burgh were sailing up compensation could be Crimerty Firth, their objective: Cromarty and Nigg.

Other boats from Peterband Pressure true true of their fleet. However, the Danes aren't trnwlers and I elso unders-

> Scots to your "list of bas guys" down in the south west of Engloud.

ha done if the fishermen en the authorities get together, work out their own system and then implement it. On munications. There ere no word used on the Clyde end 'Ben Nevia' in Cromarty. Hay then gave the Prase the reasons for celling off the achieved — but I FIRST TO leave were the reasons for celling off the ac- agree that this will have to be

# COULD IT HAPPEN AGAIN?

facad from the blockade as e natural leader was Skipper Wille Hay (right), chekmen of the Scottleh Inshore White Fleh Producere' Organization. At sse he wae respected as a seine net akipper, while sshora he is e trueted politicel apokesman on shelf of flahsrmen. With e yeer now pessad eine the blocksde, Fishing News spoke to Willie Hay to find out hie views, hopee and shore fishing, end asked and the inshors industry is him whether there could be prominence. a repast of leet yaar'a ac-

in cress auch as Humbarside. of the deepsea industry still

merketing organisation. There is eartainly no doubt in my mind that in the futura the fishermen will have a much graater sey in their own affairs — we heve grown up — we have learned an awful tends to outweigh our own. But, in the light of recent events, this is also changing now maintaining ita rightful

FN You are a member of the Buckie Fishermen's Mutuol ing this problem, will ensure that other sources of amployment will be made eveilable in orese such as I was a large resnermen's Mutuol Association — do you believe that other future of the industry will eventually be governed by such hodies?

As far as our relationships WH Our FMA hes only been with the deepsee industry are in existence for three yeers concerned, I am personelly hut, in this short period of always somewhat euspicious. tims, hes proved to be very

lot in the lest few yaers. I remember a private conversetion I hed with an owner of a fish selling compeny recently who edmitted that he had who edmitted thet he had made a fortune for yeers off the heads of fishermen, and it the heads of fishermen, and it the hacks of fishermen, and it comes as no surprise to him thet reelising their own potentiel they would even-tually manage their own affairs. However, I should stress that regulations. it is not our intention to completely disregard end desert the meny small businesses who have supported our in-

fish selling side. However, I feel that the individual identity of ports such as Buckie will have to be retained. Controlling their own profitability and efficiency. It would certainly be wrong for all the Fishermen's Mutual Associations simply to be absorbed into one huge as or hed into one huge.

dustry and how it has been bushed in the seed on free enterpriae, and willie Buchan, skipper of the Willie Buchan, skipper of the Willie Buchan, skipper of the bushen, who is genarelly recugnised to be one crew members with an incentive by operating the 50-50 fishermen, told Hugh Brown, Under Secretary of Stats for Scotland, racently thet he would personelly leed a blockade at Peterhead if the schems was forced on us—

FN Do you think o blockade could happan again?

WH I sincerely hope not last year's action occurred as a huild-up of many problams and fears of the fishermen — FN in sama ways I feel that the Nationalists have suggested blocksile served to cool the thot fishermen blockade consituation end it cortainly geve tinental ports if the limits ordarly action. However, cennot say that auch action wouldn't happen agein. It may come that we would bo forced to ignore quote

In recent times the British successful. Remember, we in Trawlers' Federation has heen making overtures to the inshore industry for a much closer involvement in negotiations, etc. It is a classic parent and child situation. A few ysers ago, the deepsca trawling fleat was a parent and thild make the inshore was a child — looking back, many trawler owners thea didn't scent to have the interest and the inshore was a control to the success we have today.

In recent times the British successful. Remember, we in allustry throughout the ysers, but we are cartainly very contented about the growth of the larger fish selling companies. They sam to be a monopoly-type situation. Our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisitions with them ere the larger fish selling companies to restrict our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisitions with them ere they sam to be a monopoly-type situation. Our acquisition when we hinted that we might form as FMA. Our fish selling companies to restrict our acquisition with the growth of the larger fish selling companies to the larger fish selling companies they sam to be a monopoly-type situation. Our acquisition of the political particles to restrict our acquisition with them ere they sam to be a monopoly-type situation. Our acquisition with them ere they sam to be a monopoly-type situation. Our acquisition of the political particles to restrict our acquisition with them ere they sam to be a monopoly-type situation. Our acquisition with them ere they sam to be a monopoly-type situation. Our acquisition with the speck of the larger fish selling companies to be a monopoly-type situation. Our acquisition with the present of the seem to have the interest and the success we have today. than it was when the in North Son from Aberdeen to Lishermen friends who

schems wes forced on us—
remamher at Grimaby, the
main griavence initially
originated from the deck—well I must say it's more lalıaur system.

illustrate the fear of aomo, we all know will become mars that we might be 'sold duwn important, not only to the UK the river' and that our interests might be hartered FN What could cause mother away fur concessions in other FN Your Association is spon-

of course, is reversed. Having organisation with the affecting their own speaking the fishermen have nutionalists, or liberals have id that, the political power Producers Organisations tak. husinesses. We have seen the remained united — this is one generally the same views on ing a mora active role on the success of the inshore in- freedom we wouldn't give up the action required to solve

but we won't be used as e politicel tool. One of our mein sources of prassure is the allthan diseppointing. Promises have been made end nat Some Scottish derlines the need for avan more pressure from the industry There tends to he a feeling that our problems do WH I doubt that this perticu- lighting for is the preservation lar suggestion was mede with not only of a way of life but o any serious intent. But it doss u natural food resource which

the problems of our industry We in the north east are

We in the north east are grateful for the interest and help the Scottieh Nationalists

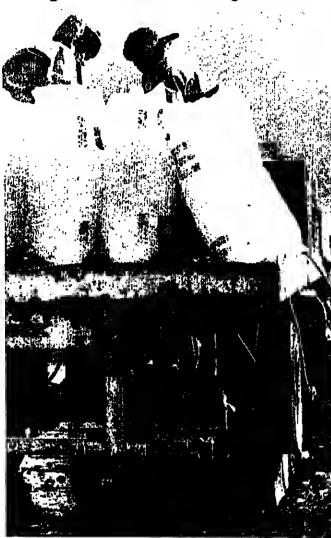
have shown in our industry

soring an International Fisheries Conference in Aberdeen in September. What do you hope that this will

WILL would hope that, with constructive debute and exchange of views from all parts, fishermen, Governaway with a better understan ding of the individual respect which they seem to There probably will be a dividuale we were dealing Peterheal to get clear of forculation now, and the past I don't have now! The position now, growth in the FMA type of with made their own decision of course, is reversed Henries. thright open discussion of our



FISHING NEWS



Above: truck load of ice for the fiehing fleet leaves the queyeide

THE RANGE of fishing methods used by boats seiling catches at Ayr fish market includes trawiing for white fish, nephrops and queen scallops, dredging for scallops, fly-dragging seine netting for white fish, and midwater trawiing for herring and white fish, Changing conditions and fish movements can mean that the fishing effort put into any one method can vary greatly from year to year.

Eorly in 1974, for Instance, about 20 boots worked white fish pair trowls but hordly a boat has tried

the method this year.
The fishery district of Ayr extends from Rosneath Point

southwards to the Scottish border. l'lah of varlous apscies are landed In about 17 amall ports in the district. However, by far the greatest amount of fish is landed at Ayr or is sent overland for sals there from other ports. A total of some 125 hoata ors owned in the fishery dis-

The greater number of boats, including many of the larger vessels — bslong to Ayr and the nearby ports of Dunurs, Muldena und Girvon.

In the region of 50 boats, busiest round about six to nephrops being landed is getmoinly from these four ports, seven p.m. land catches at Avr for much of the year, or put catches bonded with boxed and iced subors in nearby harhours to lish ready for the journey he sent overland for sale at south, which takes about four Moybule for export whole to

Thers ore not many tranger boats coming into white fish forms the where these larger fish are Ayr except during times of moinstay of lishing from Ayr, found. heavy herring fishing and during the queen scallop fishing season.

A casual visitor to Ayr night think the town has not got o fishing industry! Unlike he majority of ports, the fish when 40 to 50 bosts can be ommunts of nephrops. nuctions are held in the even-engoged in the fishery. Ayr ng so that white fish con be district is one of the most imtrucked to England overnight portant areas in Scotland for market as the majority of Peterhead honts — Accord. and he in the Midlands landings of nephrops and in boots land their catches every Starcrest and Faithful II and he in the Midlands landings of nephrops and in mnrkets by the following morning.

Herring are usually sold in the bulk of the nephropa the property of the pr

market and horbour is factory at Annau, which deserted until about 4 p.m., supplies the English when the first hoats hegin to restsurant and hotel trade. nrrive home. It is at its Although the size of the market and horbour is factory at Annau, which ing sold on Ayr morket. More hoke is landed to Ayr individual fish up to 2 ft. look than at any other Scottish living caught.

Below: in s freshening wind, the 69 ft. trewler Frigate sells into tiful in Juns, July and kg. has heen as low as 100 fish.

Avr herbour.

BALS

By Itto'clock the lorries are keen.

Trowling for nephrops and

Nephrops are at their most

to live hours.

important

tracted to the hake lishing in the summer and, also, by the cod which is normally heavy in February and March. This vear, however, the season was ote starting and it was March lisfore landings wers made in any quantity.
Even when the cod fishing

n couple of deys.

For a few years pair trawlhos not been sufficient

n-clozen local boats working seine nets all the year round. The hulk of these ere owned ting smaller, demand is still by skippers who originall settled in the district from cost coost ports and continued the type of fishing they

the Continent, although there were most familiar with. are only certain grounds (lyde is prohibited from Herring fishing io the Trawling for white fish is

now o year-round activity for many of the bosts, but for From the beginning of April obout 14 local boats obout eight months the bulk turn to poir trawling for her Nephrops are at their most of the catch contains white ing and they are normally plentiful in July and August, fish with only smaller joined by some east coast Ayr is a quolity white fish partnership of three

the morning, but outside the new sold under contract to herring season the fish Young's Seofoods Ltd. for its American the fish and the

August. On occasions in the and prices have reached 1441

nuch as £12 a stone.

Although the bulk of the hake finds its wey to the English markets, the Prestwick firm of G. M. Hogg has begun to send whole baks in refrigerated trucks to A smell number of Moray

March 12, 1976

Firth saine natters are si-

did get under way, it was not as spectecular as in former years, olthough some boots caught as much as 60 boxes in

ing for snithe elso prove quite lucrative for some of the boats, but this year the saith plentiful to make the fishing vorthwhile.

There are also about half-

danuary I to March 31, other trommel nets.

vessels. These include a

She is equipped with a Kar-moy purse seins and trawl Pathfinder has fished in partnership with the purser-

In the constant of the country of the processing firm of W. S. Unklea of Glasgow.

Fishing for herring in the Clydo is not included in the ban is expected to bring

America where there is a keen demond.

The most lucrative queenle of Glasgow by this following morning.

The most lucrative queenle of Glasgow by the following morning.

The most lucrative queenle of Glasgow by the following morning.

However, demand from Englend ateadily grew and thousand cwt. In 1975 which thousand cwt. In 1975 which stousand cwt. In 1975 which thousand cwt. In 1975 which tho

on over-fishing problem.

heen pioneered by Clyde Pothfinder will be trawling cwt. was landed which sold lisherms at the beginning of for herring in the area, snd it the century, wes by far the is thought that Gollic Moy Vessels from the most important method of and Gollic Rose—now back Campbeltown and Tarbert herring capture in the area from the West Country area in the local house in

largely died out.

Early in 1976 only four van fleet were licenced to hought by Irvine Seafoods local boets, — Stormdrift, work herring trammel nets and W. S. Unkles Ltd.

Marie, Silver Quest and this year, before the start of Although the Solway queenies are caught by loats of the Clude herring season.

Blackstone angine of 750 hp. good catch for one boat.

# Anchored

trawler Crystol Seo of smaller queen scallops or Banks.

Mallaig. "queen scallops or Banks.

"queen scallops or Banks." had decided to invest in a Landings have incressed wurth 16,800.

unit. The bulk of catches to more vessels to the Clyde this Hull, Grimsby and Absrdesn year and local fishermen ere fishing in the Clyde, mainly for kippsring and to London worried that this could bring in November and December; catches are landed in Ayr or It is understood that Larga in 1975, 144 thousand

herring capture in the area from the West Country - areas join the local boats in for many years; now, it has will be trawling locally. the Clyds queenie fishing and largely died out. Six small boats in the Gircatches are in the main

this year, before the start of Chrysolite from Dunure—
were working ring nets in the Minches and landing at such ports as Malleig.

One purse seiner, the 90 ft.

Pathfinder, is owned locally but she has fished away from the Solway the Solway

but she has fished away from home. She was built in 1973 by the Kystvagen yard, Norwsy, for Skipper Bert Andrew of Meidans and is nowered by a Mirrlees a dey is considered to be a Blackstone angine of 750 hp. been much more plentiful. However, s number of hoets, including some from Cempheltown, fish for the scallops in the Clyde sarly in

Scallops - and the the year near the Ballantrae

purse seiner es ring netting was only lucretive for about fliree months of the year.

Skippers from the Ayr district also command the two nurse seiners Gallic Rose and Gallic May, which are owned by Gallic Shipping of Londau.

Landings have incressed worth 75,000.

Trucks

Trucks

Fish auctions at Ayr have incressed worth 76,000.

The most lucretive queenle worth 76,000.

Trucks

Fish auctions at Ayr have incressed worth 76,000.

The most lucretive queenle of Glasgow by the following morning.

All the action on the market at Ayr takes place at night. The white fish auction is held in the evening so that estehes can reach southern marksts by the morning. The markst starts to reach its psak around 6-7 p.m. By 10 p.m. sli the trucka are on thair wey eouth. The bulk of catches from some 50 bosts in the nearby ports of Dunure, Meidsns and Girven also end up on the Ayr market. The boat discharging (below) is the 69ft. Provider, an ex-Dutch boet owned by Skipper M. Devideon of Dunure. The fiset at Ayr Is e cosmopolitan collection of boats landing white, harring and shsilfish. The port has a reputation for handling quality white fish.



# meet you on board

A Knowledge of the skills end expertise of the people whose banking effeirs they look after, is all pert of the Civdesdele Benk Menager's job. The Benk meets fighermen on their own ground - or should it be weter? Yes, we'll meet you on board or better still on Stand No. 56/58 et the Scottish Fisheries Exhibition.

# Clydesdale Bank

BRANCHES IN AYR: 81 HIGH STREET 33 BURNS STATUE SO 217 HIGH STREET 2 TAM'S GRIG WELLINGTON SQUARE SUB-BRANCH.

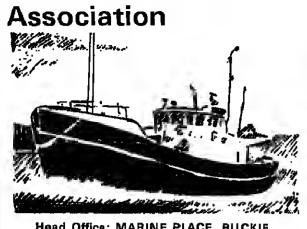


是对政治的概念和政治实际。



(evaninga)

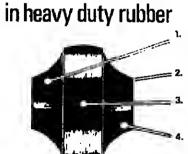
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ithdrawn from sale.

The EEC Market Support

ess than 14 in, long for sale

ssociation between Ayr and

he east coest trawling port of

franton. But, with the run

Arctic Hunter grossed c12,000 to £13,000 for six or seven days' squid fishing.

trong south westerly winds

which interrupted fishing.
This was referred to by one

lishermen ae "hungry weather, 'es those bosts which did manoge to go to see

ound fish in very short supp-

The majarity of boats were

engeged in trewling for white fish and nephrops, while six

ounl vessels worked seine

Skipper Jemes Milne

tho 52 ft. steel boat Sea Otter eettled in Ayr from Peterheed

obout nine years ego, and hee been in charge of his present boat for obout 18 months. Built by Phillips of Dart-mouth, Davon, Sea Otter originally balonged to Bris

ham and is powered by a 240 hp kelvin engine.

east coast ports.

ligh densily, hleh abrasion esistans rubber throughaut.

Jitra high prassure moulding Insures long life, outlesling Heel cost for cost.

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			-	 



Leuriss. owned by J. Gibson of Denure, heads for the entrence of Ayr harbour, with the hills of the Island of Arran across the Firth of Clyde in the background. One of the newer boats based at Ar. Laurise was built by Hard and Mackenzie in 1973. The 56-footer is powered by a 230hp Garder

During the winter, from November to the end of March, she concentretee on trawling. In February she wes catching mainly seithe, with some cod end whiting, Skipper Milne seid fish

FISHING NEWS

Ayr, and an the Clyde as a whole, is the firm of Iven Boardley and Co. Ltd. which handles about 40 hoets a very good catch. Prices, however, were keeping fairly

Christian Salvesen now Unlike the majority of Ayrwas the major shares in the hased boats, Sea Otter apends firm, while Ivan Boerdley the remainder of the year owns the remainder. He also dredging for scallops; she is based at Criman and works mainly in the Tiree Passege. Her catches are Isnded in Scheme operates in Ayr bul, Ohm or Tubermory, being as it is a quality white lish sold under contract to the sold under contract to the

enough for fish to be Const Sea Praducts. Ex-skipper, John Kane, is nort officer far the Scottish Fishermen's Organisation heing fished.

market, prices rarely fall low Kirkullyright firm of West

and he lold Fishing News that November was the last time that some lish, mainly seithe and small whiting, was a facility and and the boet hes landed to the last time that some lish, mainly seithe and small whiting, was a small whiting, was a small white the landed to up to 20 secks of scallope for a He said that the SFO hed agreed not to affer saithe

Each sock holds 15 dozen scallins which are sold by the and this is keening prices up. dozen; prices vary according For a number of years to quality, the fish being less here was also an interesting valuable when they don't con-

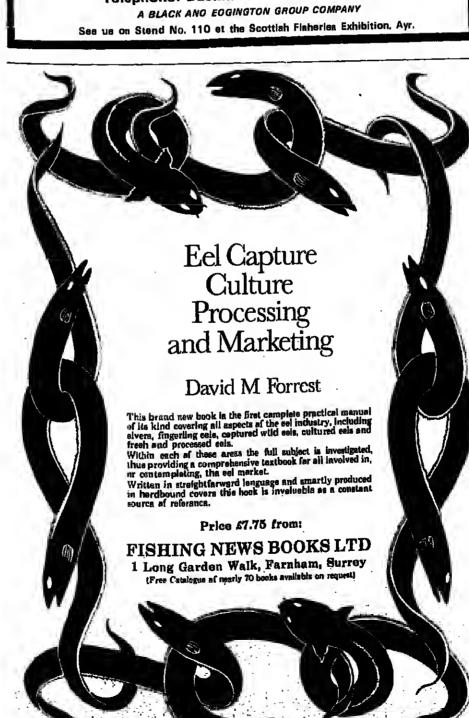
thown of the fleet at Granton, his has lergely died out. Granton trewlers lishing Wanderer // (below) is the off the west caest would put She wee built leat year by the their catches eshore in Ayr to Girven yard of Alexander Noble sent over land for sole in and Sons Ltd. for David end and Sons Ltd. for David and Kenneth Gibson of Dunure. Top Granton skipper, John She is 69ft. long and la Banyard, warked from Ayr powered by a Kelvin angine of regularly in the 118 ft. Arctic 450 hp. Gear handling elds in-Hunter and fished for Dover clude Sutherland which and sale off north west Ireland. Cerron power block, and she Cerron power block, and she During the summer he fished has Kelvin Hughes flah finding at Rockall for squid, which was sent hy refrigereted lorry vessel built by the Noble yerd to the Continent.
On occasions during 1974



three limes the depth of water 40-footer (below) is one of the smellest flahing from Ayr. Ste







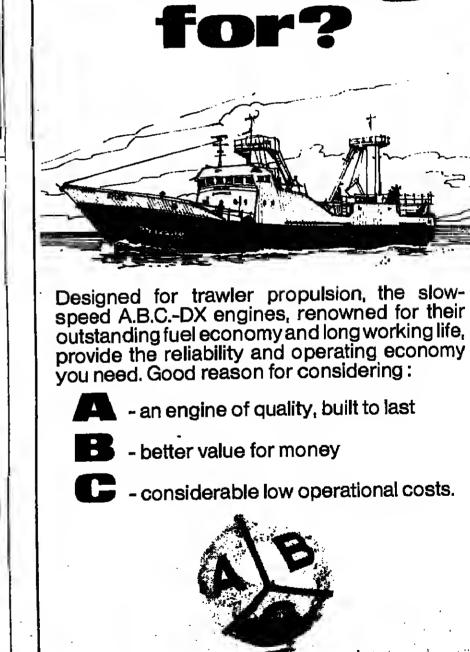
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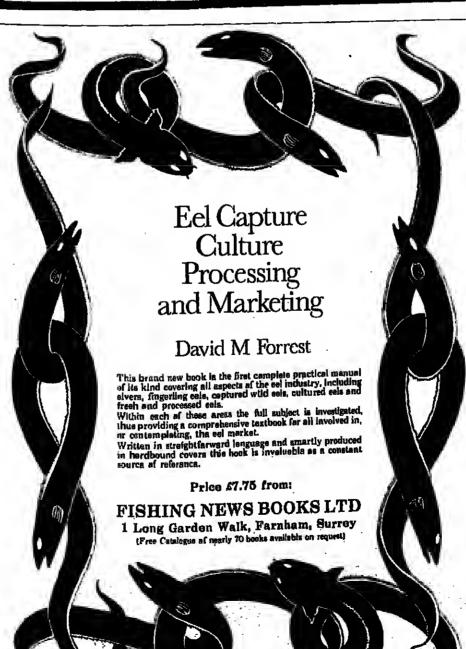
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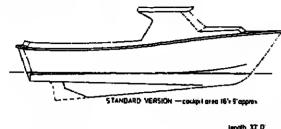
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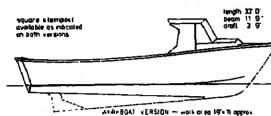
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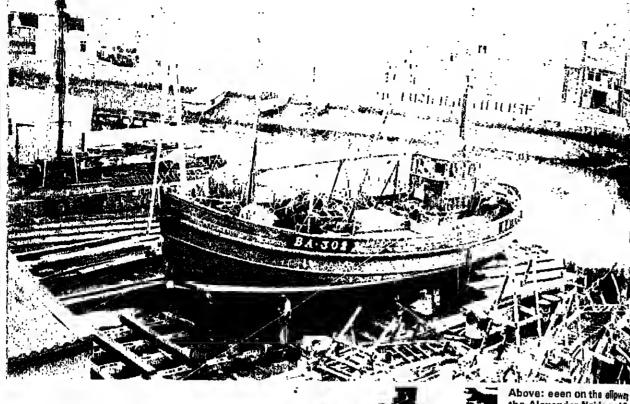
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the Alexander Noble and Ses yard at Girven le Silver Court. en excellent exemple of a Chie ring net veessi. Owned by he McCutcheon femily of Denus ehe wee one of four local bats which went up to the Minde to work the ring net earlier fi

> Left: fieh comes eehore hos the eeiner Olive Tree. She's one of the few seins news working from Ayrend anging came from north-sul Scotland. She is owned by Skipper Alec Duthle end an built at Sendheven in 1969. Bolow: the emell trewist to bolongs to Rothessy, bu earlier this year was lishing w of Ayr on loan to Skippe William Wilson, while to swelled the delivery of sen

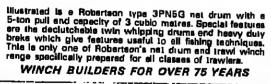
Bonom: the trewler Freeker wee recently bought eecondhend by Skipper Hug McPhee. The 55-footer se buitt et Port Seton b











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Skipper Milne said that, although over the years the scallops had become scarcer, this was compensated for hy the rise in prices.

Crews working scallope were able to earn good wages but owing to increased operating coets and the ex-nense of fishing gear, the host'e profit morgine were getting emaller.

Sea Otter uses dredgss designed by John King, a director of West Coast Sea Products, who has done much to develop the scallop and queenie fishing off south weet

Tho dredges have a spring-loaded device which allows he toothed ber at the mouth of the dredge to go over the on of large stones, instead of picking them up.

### Smaller

The 40 ft. wooden-hulled

Abstra hydraulic winch.

From about August to January she fishes for raught 45 to 50 sacks a day, each sack holding one cwt. tler catches have been bought by Irvine Senfonds. For the remainder of the

year she trawls for white fish and nephrops, but Skipper Gilson said white fish had heen more scarce this last winter than he hod ever

adv the odd huat getting a

bilch-built steel boats have oined the local fleet in recent

the the 60 ft. Nord Zee, sas baught from Fleetwood by the Currie family about three years ago.
She was built in 1959 and
Skipper Matthew Currie eava

she is a very well huilt boot with a good engine, a Kromhout model of 140 hp.
A helt-driven Meetra

winch was fitted after her arrival in Ayr and a recent

aquisition is a pedestal-type
Lossie Hydraulica power
llock. Her crsw find this a
"great help". Nord Zee has
trawled for nephrops and
white fish, also for quesnies.
For the white fish and
nephrops she uses a Bridporttimidry 450 dual purpose
nct, which is ideal for
catching white fish as well as
the nephrops which lie on the
muddy hottom.

about nine months of tha year
is the 63 ft. wooden seiner
Seafire, owned by Skipper
James Main of Nairn.

Fishing News visited
Scafire just after she had
come into port after fishing in
a Force 7 to 8. Because of the
weother she had caught only
half-a-box of whiting in three
hauls.

Skipper Mein said ha had
never known fish to be so muddy hottom.

used a Cosalt queenle bobble ho could not think of a reason frowl which is a short and heavy nct. There is cow hide been quite plentiful further in the could not think of a reason for the shortage. Fish had been quite plentiful further north.

north-eost of Scotland 55ft. Fnithful huilt at the James Noble yard in Fraeer-

burgh about ten years ago and she makes trips of one or

catching from 10 to 15 hoxes of white fish a day, which wae lees than at the same time in

Normally cod is plentiful towards the end of November, but last year it was little in evidence at that

Crewman aboard Foithful, Jock Flett, told Fishing News that he thought trawling was "finishing" the Clyde.

At one time local hoats had

only trawled for nephrops in the summer, and had fished for herring in the winter, but in more recent years they had continued to trowl for white fish during the winter. Skipper Duthie of Olive

Tree said the boats were suffering from bed weather, too few lish and too high ex-pensee. But he pointed out that running costs of the hoats fishing in the Clyde are low compared with the big Pert of the Ayr liest moored to the south quey. seinera on the east coast. The Clyde boats usually work less

She is shortly to be reregimed with a Gardner of fitted about six years ago end fill hip and she is fitted with a

Tree told Fishing News that movenies in the Clyde using a Tree told Fishing News that Cusalt queenie trawl. She has manilla seine net rapes are superior to the synthetic ropes for working in the towing the year in heevy mud.

The synthetic ropes tended to dig into the mud too much but manilla ropes are just

He said Olive Tree is have known it.

Normally there was a hig saithe fishing early in the year, but this year there was thelic ropes.

Ing to buy out attents manilla rope from "here and there". Foithful was using a mixture of manilla and synthelic ropes. thelic ropes.

Both these esiners join in

A number of secondhend the summer hake fishing, and the crews eay that 20 hoxee e day ie a very good catch. Very little else ie caught by

seinera when the haks are "in", and catches have been hetter during the last two or three years sa hefore that there had heen quite a shor-

### Small catch

One of the "stranger" hoats which fishes from Ayr for aquisition is a pedestal-type about nine months of the year

When queenie fishing, she scarce as this last winter, but

on the code and and up the belly, as the quesnlea ere found in larder ground.

Skipper Currie asid trawla ore used in the Clyde rather than dredges as the queenles seamed to swim about more line of the seamed to swim about more and be less dormant than line or in the Solway.

Almut half-a-dozen local holes and crannies which boats work seine nets ali tha time and two of these are of live Tree and Faithful, whose akippers — Alec Duthia and Frank Wiseman or originally came from the engine of 180 hp.

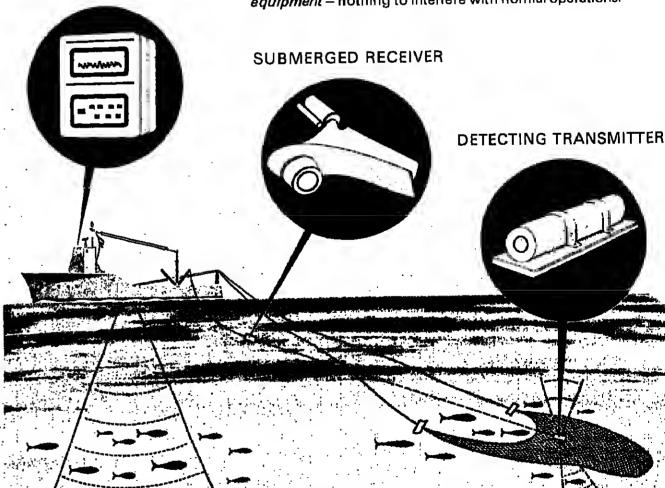


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# The 40 ft. wooden-hulled Mari-Dor is one of the built of the Forbes yard, smaller boats working from Ayr end wes built about six verse ago by Mackay Boathuilders of Arbroath for Skipper Lorimer Gibeon of Skipper Lorimer Gibeon

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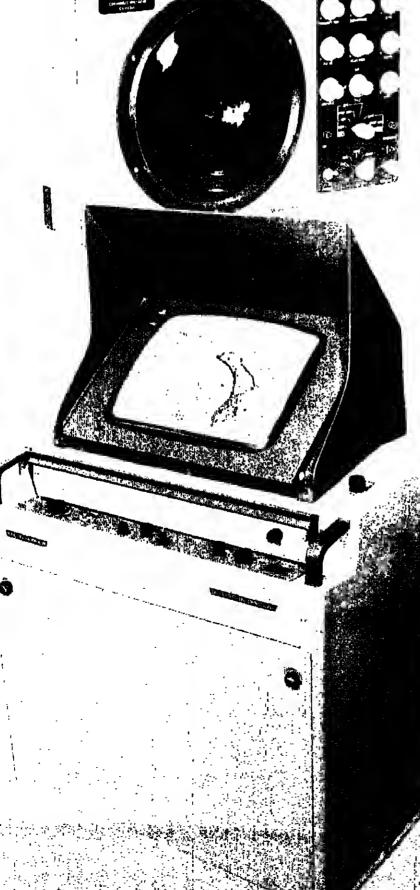




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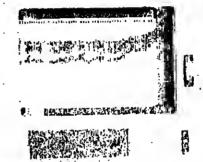
> Situation Display. A panorumic view of the fishing ground electronically repro-duced just as one would see it looking out of the bridge window. The whole situation can be seen at a glance; the movements of all vessels (including own vessel) within sclected range are automation tracked, and positions, aspects speeds and other clues to the speeds and other clues to the trawling operations can be assessed merely by looking at the screen. The picture is displayed on a large 20" I.V. screen, which can be viewed at distance with different modes for daylight or night time conditions, by any number of people without the need of a hood or visor. Situation Dugar a Overn's Award to won a Queen's Award to Industry for Technologica Innavation in 1975.

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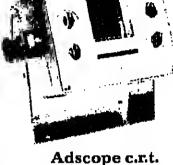


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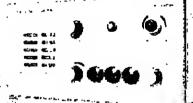
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# Scottish Fisheries Exh

THE FREE-WHEELING Scottish Fisheries Exhibition sels up next week in the west coast port of Ayr. From April 28 - May 2 ovor 100 companies wili be fighting hard for orders on a market not as buoyant as that surrounding previous

Considering the circumstances, the exhibitlon has ettrected a feir number of exhibitore but, In the words of the organisers, "the physical size of the exhibition reflects the current mood of the oconomy."

In the prosent depressed state of fishing, companios heve been hesitant to go out on a llmb doveloping equipment and, consequently, there is not exactly a glut of new gear et the show. Among the first-time ex-The axhibition hall where over 100 firms will be fighting herd to gein orders. hibits will be a number of winches end a new renge of fish finding equipment will be making its Scot-

Two casueltlee of the depressed state of landings, are the Herring Industry Boord and the White Fish Authority, whose income is linked to what happens on the fish quny. Although they are

The show will be officially opened by Mr. 180 hhp power renge, runling at speeds of 2200 rpm to Secretary of State for Scotlend, with special responsibility for fisheries.

C-Power (Marine) Ltd., coasts. The majority of owners, including those in the owners in the ow

these two bodies will not he taking e stend, although the mobile electronic treining unit will be not the exhibition site.

The following is e suitable for fishing hoets, which is emphasised by the number in service around the Highlands and Islands tronk treining unit will be not the exhibition site.

The show will be as suitable for fishing hoets, stubs and palleys to inclamically chatched and hydraulic units which are hading evels. A Rapp fish polypopylene in the pump designed for trawlightness in the same rope, but with a with a same rope, but with a with a same rope, but with a same rope, a same rope, but with a same rope, a same rope, but with a same rope, but with a same rope, a

tured at their Kirkintilloch end Greenock fectories. This year the compeny celebrates its Centenary.

Brunton'e Propellere Ltd. will have on displey a 40 in. 11016mm) diem nickel eluminium bronze propeller suitable for n fishery protec-tion vessol; e 36 in. (914 mm) diam Superston 70 propeller suitable for a high speed supply vessel; elso e Brun-ton's standerd water lubricated aterngeer and an exemple of the well-known sterugeer manufactured by Henry Fleetwood & Sons (Marine) Ltd., Lossicinouth. Both sets are fitted with Brunton's Caledonish Mk II grapcilers. An exhibit showing how e badly daminged propeller cen be expertly restored by Brunton's will nlso he demonstrated.

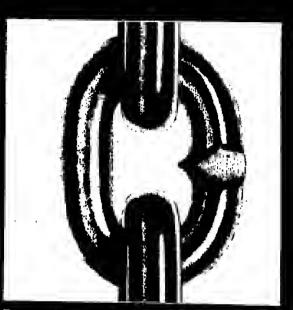
hilpiting a reage of rail, pedestal and crane mounted power blocks. Of special interest will be an arrangement of a Hinb crane and Rapp power block similar to the arrangement being fitted for Anstrother skipper 'Davic Smith aboard his new boat Argonaut IV, now completing. Rape reels destined for Argonaut IV destined for Argonaut IV destined for Argonaut IV background of the company. will also be on show and 12 other vessels will be litting facilities and details of the these in the next few months. The rope reels are based on the prototype originally lifted British Ropes will feature on Argonaut III in 1973 with Sweding, a high strength warp



Hugh Brown, Under Secrotery State for Scotland, with Fighing Hydraulics spocial responsibilities for (Scotland) Ltd. will be ex-

netitor on the British fishing market like it has been elsewhere in the world. A network of spares stockists and agents has been set up in the UK and Ireland over background of the company its present production current engine range.

# Dragalloy? Your link with efficiency



Dragalloy Chain

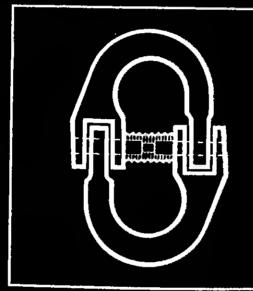
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In most trawling situations, tests conducted over the years have indicated clearly that the addition of Dragalloy chain to steel wire rope has significantly inproved cable life and efficiency. In bridles and main cables, for example a combination of one third steel wire rope and two thirds Dragalloy Chain. introduced where the cable is in contact with the sea bed has produced an average improvement in life expectancy of 7:1.

In ground or bobbin cables substitution of 5/8" Dragalloy chain has resulted in eighteen months' life being achieved. Again the use of Dragalloy in back strops and independent piece or pennant has produced 10:1 improvements.

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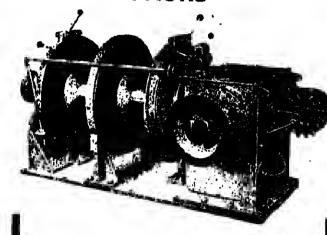
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imum resistance to seawater bridles give greater stability corrosian. Morblue trawl to the trawl and last longer warps for deep ses trawling than conventional hridles.

hihits include combined ropes using both fibre and steel wire for use in a variety of applicationa in natting and trawl gear.

Whey way Watson Ltd., is a firm well known for hard

Bridport-Gundry (Scothalby strongs, reflectors and herring pushers, similars herring pushers, similars steel split links, rings and yokes, mild steel hridles, showing Tight Head Many plastic drums.

These include: nluminium thy without deterioration allow strongs, reflectors and herring pushers, similars per per pushers, similars to the proposed for t

F.A.L. Scottish Propeller Service. On show will be photographs and exhibits of propellors before, during and after repair. Also an example gasket, and have a relocate propenors nence, natural and gasket, and hava a galage of the new Bamford steel locking hand play Talisman Propeller which closure. The 50 and 80 fee has proved to be very sizes are supplied with h bottom trawling. Marblue components. These are trawl warp—a British Ropea produced under the successful on Scottish fishing of drop handles, Bossio successful on Scottish fishing of drop handles, Bossio vessels. A stern gear unit llydrotex PE ish boss of traphalley chain used in together with a high standard lengths from 15-50 futbons. It is relatined that chain livides are supplied with provided to be very sizes a the manufacturing side, the puckaging, it is claimed by company will be showing able to take rough home several items produced for several items produced fo shipchamllers and fishermen.

> Plakeriautomalikk At This Norwegian firm all p showing its hall cutter marhins and a fell sustaminatio fishing red El ficient and labour-saving is claimed that three relica be overseen by one men Th sinker and hooks are leven to the sen bed and, when it takes o hook, it is hauled the surface. Unhooking the fish is claimed to be them manual operation requision National Market M The electrically postul bail-cutting machine bis split herring and mache. The length of the ball cuta be varied by the angle itsl.

Ferro Cement Boats Scrabster will ho otographs and drawing ils interesting potters Li Imwlers.

The yard is just complete ursofr (UL98) for Roses Cromarty skipper, J. The: The 4D-funter has a 14ft in brown and 6 ft. draft. She the second craft of this from the yard, the first her

Wings of the Morning.
Cursoir is powered by
Volvo-Penta 190 hp disand has a C. F. Wilson 451. bydraulic winch Now is the yard under construction !! 28-footer in ferro-cent.
The yard will be represent on the Highlands and like. Hourd stand.

DRG Morton Packagit will be demonstrating to properties of Puchydern

W & J Knox Ltd. A mile range of gast includist 'Gourock' prawn travia, del purpose trawla and 'Gourock' seine nets' Also hylon six water trawl sheet netting The Boris Nat Go, will be an accompany to the purpose trawlesses and the second sec

shows in theas boxes at the Catch '75 show in Ds von last which was originally fitted out for petting from Kirkwell, year. The larger boxes stack made to interlock, forming Orknsy, by the owner o Gangwarlly — ons of

Lossle Hydraulic Co. The Helmetic 28-footers have been hydraulic rope reels nuw be- moulded so fsr. The first, ing used extensively by the Scottish inshore fleet will be swallable for inspection. With monid was Gangwarily II. The second from the Priced, based at Brixham. construction. She will go petrony heing fitted with reels. now heing fitted with reels, ting for Sktoper Pottinger of the name Lossie looks set to Westiey, Orkney. A Stromness become just us well known yerd fitted out hull number south of the border. All the four, Boy Colin for Colin wide range uf power hauling Merwick. The fifth hull was equipment produced by shown of Catch '75 of Peignton Lossic will be on display, in- lest year and has since been chiding: 19in., 24in. and 28ip. completed in Denmerk, white power blocks; 15in. double hull number six is being fitted sheave pedestal; 15in. duuble out sa a workboat. Duncans o molor four-sheave net hauler Burrsy, Drkney, ere fitting out

herbour for the show. The yard Chennel Islends end, finelly, Four boxes in the range from is one of a number of bost-the 'mini up to the two-stone model. A lot of interest was Islands Devslopment Board, yard st Wick will fit out this Pictured le Gangwarlly II,

stringent hygiene rules. The machine is elsimed to VAT), the machine is said to tools.

Lawca-Avistrap Ltd. A chomically inert steel equipment costing more strapping machine designed to straamline packaging rate of 15-18 a minute. The operations makes it a debut. Cantrepiece of this atand is the new nickel-plated APM-machine is mounted on a photo-electric cells. There is a calcanized basis so it can be also a laws and a photo-electric cells. There is a law and a photo-electric cells. There is a law and a photo-electric cells. There is a law and a photo-electric cells.

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EXHIBITS from a dozen leading apecialist suppliars, and services for

inshoremen, can be seen on a special

fishermon's eervices diplay stand.
For the first time the Scottish
Federation of Fishermen's Co-

oporatives and the Fisherles Organization Society are collaborating in this

Apart from sponsorship of the exhibition itself, SFFC and FOS are jointly promoting an Advisory and Information Service throughout the show.

The following companies and organizations are amongst these exhibiting on the services stand: N.J. &

E.F. Ashworth; Anglesey & North Walas Firo Protection Enginoers;

Walas Firo Protection Engineers;
Beaufort Air-Sea Equipment Ltd.;
Fishing Vessels Co-operative Inaurance Society (1974) Ltd.; Andrew
Galloway; Gondolastic Ltd.; Poet Office
Telecommunicatione; Rochford Marine
Enterprises; Teal & MacKrill; Trap
Fishing Ltd.; C. F. Wilson.

2A Avistrapper, which has galvanised bogic so it can be also a Lawco range af hand been designed to comply with mayed between work stations. tools, including scalers, ten-Priced at under £2,700 fex sioners and combination

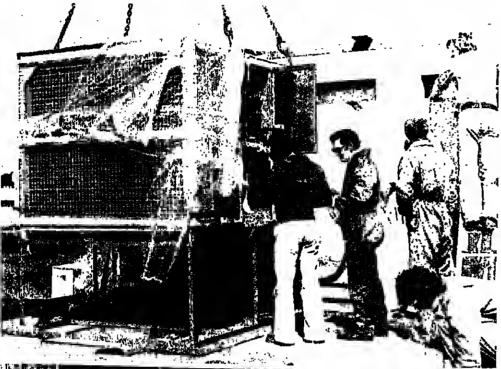
in one operation — bettered unly by stainless Bolinders Co. Ltd. This firm, which markets the Swellish Volva engine range. will be showing the nev TAMD60 six-cylinder, direct diesel with birbo-charging

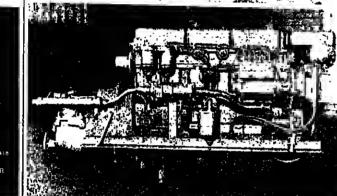
and on after-confer.

Propeller shoft ontput is
154 hp at 2,500 rpm. The
weight of the unit, jucloding reverse gent, is 580 kg. The engine is delivered with a hydraufically-operated re-verse gear fitted with an oil cooler and, also, a pre-drilled propeller flange. A total of

Continued page 26

Left: stamfani Bowale: Maese 120-litro plastic burrels being usorl by South Coast Fishery of Cobb. Co. Cork, for caring and distributing herring. The borrels





Above: Inco-Ziegra'e first 10ton n day ico-making machine for a UK costomer gass into the Copperhouse Cold Store of Hayle, Comwell. The unit will be o much-needed source of Ico for the Comish fleet. Thies models from the renge of elgh morinised Ford enginss

offered by C-Power (Merins) Ltd. will he on display. One of these is the 120 hp neturally -

stainless steul and

Inca-Ziogrn (UK) Ltd., specialising in ice makers, will be showing their compact in the listing in a matter of hours. Zisgra machines are alroady in wide nao in the lishing industry and this needs of the largs merchant, processor or co-operative. Export advice an etorage and handling is class a restrict of the ziegra stand iaclude modals producing 7 The first of a new line clude modals producing 7

> Sporry Marine will be showing a complete range of navigation equipment for fiehing vessels. Included in A gyro compaes and autopilot will olso be featured, plua a compact power acurce suitable for all typas of vessel. Known as Powerpsk, this unit supplies up to 5kva at 240V and can be used for auxillary supply or as a main power source.
>
> Stand offering mid-will trawls. These products a made from a special attract, twins, pure surface will be gyalided attracted twins, pure supplies a panels will be gyalided attracted twins, panels will be gyalided at a panels will be gyalided at the diaplay will ba

Bowater Packaging Ltd. trampiels, craying and Plastic drums for carrying forms of gill nels like and scoring fish. The inter-twines and scoring fish. The inter-twines and scoring and part of the matter of the comprises to the comprise to the comprises to the comprises to the comprises to the comprise to the compr



Helmelic's first 36 ft. long Mk. I hulls. Hs hes since sold her to

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Fishing gear manufacturers and stockists to the industry throughout the British Isles.

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April 28, 1875

som lack, scale expensional lelemetered trawlinformers showing fish echots also and below the trawl header with surface and tests with surface and tests choes, all shown on the Weigner or the courder.

There are two general

arrangeoreats. The fig. known as System of known as System of suitable for existing test light on space, comprise to the control of the contr

System Two adds a cr

scale expander and a wad recorder. There is a choice!

Tho other main deals ment is the application Situation Display 1802 6 tishing. By using the total and his own knowledgeskipper can see at a gun what the other vessels in b

uren - to a range of 61 124

Northern Tool & Garla

drum pull of eight-ton. I

hydroulic seine winch Mil

is designed to replace misig

10-mile rador. Known asth

three recorder models.

hy four inshore skippers who also be disployed, together grossed n tutal of over with the Marine Autopilot c500,100 lest year can be seen Track Plotter. A new inter-

PD 139

plete range of Simrad nine different reverse gears sounders, scopes and trawing are available, including Twia equipment, watch receiver, R/Ts and a range of new nugnetic compesses and binnacles, for use with Decca Decen Navigator Co. Ltd. autopilots, can also be seen.

will be showing a wide range of equipment.

Identical units to thot used In addition to the Decca Navigator Mk21 receiver, the IDL 91 Loran-C receiver will

All the way with

MAJESTIC, the second of four steel seiner-trewiere, wee built by Bideford Shipyerd (1973) Ltd, Devon, for Bogg Holdinge of

She is a multi-purpose fishing vescel elmilar indesign to modern Scottish vescele with eli-welded hull, reked soft etem end

cruiser stern. Her bridge electronic equipment includes Decce Nevigator

Mk 21 with 350T Treck Plotter, Decca Pliot type 350 with Wetch

Alerm linked to a Tenfjord hydraulicateering gear, Decce RM 914

rader end Simred EQ Sounder end C1 Scope.

grossed n tutal of over can be seen Track Plotter. A new interswich unit will also be on show for the first time.

This includes four RM place of autopilots, four Nevigators will be represented by two soners, and place of the first time.

The Simrad range of autopilots, four Nevigators will be represented by two soners, placed and an autopilots, three Simrad EQ sonar, one and an analix intercon.

Along with Loran-C (inter-increable with track plotter), proceed 110 (36-mile) and 060 equipped with a full range of Decen equipment.

Cheln bridges in usa aboard a blig starn treviar. Whayway was showing, for the first time in Scotland, two additions to its range of final finders. The new products are the Onni Sonar and Wide Greph Fish sounder and Wide Greph Fish sounder and Net Telsmatry

Cheln bridges in usa aboard a skelvin Hughes will he showing, for the first time in Scotland, two additions to its range of final finders. The new products are the Onni Sonar and Wide Greph Fish sounder and Net Telsmatry

Matter will also be on show for the first time.

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Matter will also be on show for the first time.

Cheln bridges in treview.

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Cheln bridges in treview.

System. Trinks with the long of the first time in Scotland, two additions to its range of final finders. The new products are the Onni Sonar and Wide Greph Fish sounder and Wide Greph Fish sounder and Net Telsmatry.

Matter will also be on show the first time.

The Simrad range of the first time in Scotland, two additions to its stance of final finders. The new products are the Onni Sonar and Wide Greph Fish sounder and Wide Greph

There are three modes of directional and seurchlight scanning, each with its own fishfinding characteristics and the echoes are presented on n 250mm (10in.) screen

tilt countrilities; both have will be featuring a compafive range scales from 0-250

Telemetry system is already A 24in scaaner is used at a hig winner in Japan, They pook power is 3W. are claimed to provide more Horizontel beamwidth are claimed to provide more information on fish detection and trawl behaviour than any and vertical width is 25 kg. other single instrument. It does this with high 20rum.

i.td. will be briaging two winches to the show. A hay duty hydraulic winch min in moduler construction r containe rigidity with qui locating and closing shouls. Under suitable conditions its detection range is over 4,000 ond easy maintenance le heen designed for vessels; to 85ft. This has a capaca for around 1,000 fathems if

equipment. This new 82 winch includes a more post like a continuous rodor. ful hydraulic motor al Shoals oppear os rodnr worm and worm wheel drag "point" on the screen. The Duni Sunur is logive a pull at the seine be available in two models, the of up to four tons. available in two models, the of up to four tons.

LSS-30 (PT) and the LSS-30 (PPT) with slightly different. Baron. Instruments Is

nnd 0-4,000 metres.

The Wide Graph
Fishsounder and the Net ranges: \(\frac{1}{2}\), 2, 5, and 10 and \(\frac{1}{2}\).

The Norwagian-made bein cutting machine (above) and automatic flahing real being displayed at the Ayr show by Flakerlautomatikk. The belt outter is electrically powered.

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N. J. & E. F. Ashworth will

njection moulded pot.

displaying an injection moulded plastic pot base for the first time. The tool to The new TAMD60 154 hp Volvo Panta dissal which Bolinders will have on display. An hydraulically-operated reverse gast is completed

J. W. Stuert. A range of also lish factory operators. herring purse seines and trawls will be featured. classer will be on show, lucluded will be white fish wing trawle, combination ditives and detargents needed for a good elsening job.

hoth the entrance and base produced by injection moulding.

The new base hes a 30 in. diameter and is about 1 in. diameter and is about 1 in. strawls, prawn trawls, bobbin for a good elsening job. Irawls and herring and aprat Irawis and herring and proper in the top): fish

Afos Ltd. The well known adjacant to the sasbad; whita "miai kiln" will he evailable tina asabad traca; bottom lockfor inspection from the range ad expanded fish acho traces; of smoking and drying equipment produced by this firm.
The biggest kiln, which can handle 200 stones, is constructed from stainlass steel—as are all the reet of the models.

ad axpanded fish acho traces; not accord showing as small quantity of lish above the handline; and not sounder down racord showing fish acho traces; not sounder up record showing as mall quantity of lish acho traces; not sounder up record showing as mall quantity of lish acho traces; not sounder up record showing as mall quantity of lish acho traces; not sounder up record showing as mall quantity of lish acho traces; not sounder up record showing a small quantity of lish above the handline; and axpanded fish acho traces; not sounder up record showing a small quantity of lish above the handline; and not sounder up record showing a small quantity of lish above the handline; and not sounder up record showing a small quantity of lish above the handline; and not sounder up record showing a small quantity of lish above the handline; and not sounder up record showing as mall quantity of lish above a small quantity of lish above a small

llighlande and Islands Dovelopment Board. Research and development carried out no blua whiting and other little-used epecies will be illustrated on this stand. Boatyerds in the Highlands areo will also be

Euroclean Ltd. Specialising in equipment and chemicals for cleening off fish, this firm will hapf interest to those who use returnable fish boxes and







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P.O. Box 646, N-5001 BERGEN, Norway.

Weld Morgaa & THE FIRM of Flahing quadrant to give 240° slew
Associates. Financial advice for fishermen will be been closely involved with the USBOT fish pump.

The pump has a capacity of should be about 500-tons of fish en hour and damage rata is claimed to evailable from this firm which broke new ground when it launched the highly successful Working Fishing Owners' Benefit Group—a Named Hebridsen (below).

Named Hebridsen (below).

Dean closely involved with the conversion of a trawler bought to the light property of a parimental blue whiting trials.

Named Hebridsen (below).

Named Hebridsen (below).

schame for health insurance. this ax-Swadish 102-footer has connacted to the suction side by a Dautz 1,000 hp diesal,

This company also specialises been supplied with a Rapp of the pump. This pert of the Hebrideen is commanded by a Dautz 1,000 hp diesal, been supplied with a Rapp of the pump. This pert of the Hebrideen is commanded by a Dautz 1,000 hp diesal, been supplied with a Rapp of the pump. This pert of the Hebrideen is commanded by a Dautz 1,000 hp diesal, been supplied with a Rapp of the pump. This pert of the Hebrideen is commanded by a Dautz 1,000 hp diesal, been supplied with a Rapp of the pump. This pert of the Alox Smith, an ex-White Fish acting crans, and slew twist of the nat.



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MBERDEEN INTERNATIONAL FISHERIES EXHIBITION

# 15-21 September 1976

A warm welcome ewalts home and overseas axhibitors and visitors to this great fishing show to be held at the traditional hub of the Scottish fishing industry. Such hes been the damend for epece that the Exhibition has already burst its original seame end e further 10,000 sq. ft. of covared accommodation have been added.

All the main merins engine menufacturers will be represented and there will be plenty to sea in the electronics field. Boat builders end designers will vie for attention and a representative selection of deck and fishing geer will be on view. Visitore specially interested in the processing and handiing side will find a goodly showing of machinery and methods to claim their ettention. And to round off the show there will be the services in the shape of banks end marine insurance com-

Overseas participation is growing daily with exhibitors already from Belgium, Oenmark, Eire, France, Garmany, Hollend, Iceland, Norway. Sweden and the U.S.A. All in all this will be one of the best fishing shows ever to be seen in Scotland. Such le the intention of the organisers, becked by the local authorities and fishery organisations and authorities.

EXTRA: Sponsored by the Scottish Inshora White Fish Producers' Association, a two-day Fisherman's Confarenca will teke placa in Abardaan's Beech Bellroom during the Exhibition period. More dateils



Sponsors: GRAMPIAN REGIONAL COUNCIL CITY OF ABERDEEN HERRING INDUS WHITE FISH AUTHORITY SCOTTISH FISHERMENS ORGANISATION LTD ABEROEEN FISH PRODUCERS' ORGANISATION ANGLO-SCOTTISH FISH PRODUCERS' ORGANISATION

Further information from the organisers:

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# Survey on Scotland's biggest GRP trawler

GRP has now become an acceptable material for bullding small fishing boats. Craft up to 36 ft. long are becoming quite common, but the larger sizes of hull — 50 and 54 ft. - introduced by Halmatic (Scotland) Ltd. have not caught on. A 65 ft. hull planned

by Tyler Boats did not even appear! Because of the difficult conditions under which they line of the joins can still be drawn into the luminate by in. We ter entering the back wait and see if the new appearance. mnteriel is suitable for

hauled out on Malakof's slip, day it was completed.

under 50 ft.1 to ellow her to fit

Building hulls in GRP (glass reinforce) plastic) is 'just like wallpapering,' a see boat builder told Fishing News when U yards first started using this relatively ner material. But the thin layers of glass do when bonded together with resin, forme immensely strong one-piece structure.

Fishing News decided to find out how wo.

GRP ean stand up to the rigours of fishing and sent boat surveyor. Deg Pike 18 Shetland to slip the prototype Halmatich. footer for inspection.

Many, therefore, decided to the hull, except in particularly if the hull is sub-

building larger fishing boats. piece and is stiffened by lerge the delamination will proceed The first of these 50-footers, moulded transverse and at an accelerating pace as flange which is three Harvest Gold which is skippered by Winston Wett and based at Lerwick, in the Shellands, has had a herd three years work. She was the second so the structure which three years work. She was the second so the structure which three years work. She was the second so the structure which three years work. She was the second so the structure which the three years work. She was appears to be as sound as the with a rotary sander, or even the gap is filled with sale.

smaller size (in fact slightly are of little consequence, but simply be filled with gel coat the gap and this can led: under 50 ft.] In ellow her to fit into the limitations of inshore hours fishing around in a wood or steel hull. If they have the steel hull. If they have the some that the steel hull. If they have the some that the some that the steel hull. If they have the some that the some that the some that the steel hull. If they have the some that the some that the steel hull. If they have the some that the some that the steel hull. If they have the some that the steel hull. If they have the some that the steel hull is the steel hull. If they have the steel hull is the steel hull. If they have the steel hull is the steel hull is the steel hull. If they have the steel hull is the s

on the outside of the hull in some local areas, it has not method of attaching the distribution of the hull in some local areas, it has not method of attaching the distribution of the property to the gel has been used which is put on first. The climinates this problem is chipped areas are easily result in that a bubble for the problem is put to the property of the climinates of the problem.

Exposing the glass matting detected by a cracking of the into the joint in this way can allow minute get rout around the hubble it became evident the quantities of water to be and the skin can be pushed surveying this beat that it

have to operate, fishermen detected in the hull moulding. capilliary action and this can will start off the delamination.

This in no way detracts from lead to gradual delamination, process and the remers ppearance. Jected to freezing and lill.
The hull is moulded in one temperatures. Once started, The C

ay it was completed. sandpaper, and fill the area With time this hardens and there are several small with resin and then gel coat. washed out with the learners and the second several small with resin and then gel coat. Lerwick, for our survey.

There are several small with resin and then gel coat. washed out, with the median defects which in themselves If the chip is shallow it can that sea can force its way.

are not rectified, they could along the top of the moulded these bults were showing in Shelland.

The size difference is allowed for by removable sections in the hull mould—the which would require major tions in the hull mould—the corract.

Chief amongst these or hungary shire in the hull mould is sections of the integral rubbing strips. Resin impreguited glass and hus to be brighted for both the hull mould be proposed.

Chief amongst these or hungary shire in the mould is solded in place. defects are numerous chips in which in the month is scaled in place. the gel coat. This is the skin overhead. It is evident that, On later boats a difference

chipped areas are easily result is that a bubble forms deck moulding is boiled on undernenth is a greenish only because evident with hull. The bulwarks with the pull of the p white and layers of glass mattime.
The affected areas can be hall and water cannot be half and into the joint.

similar to chipping - cate

easier to paint. There would heen less risk of the fendering fouling on projec-

# C-POWER (MARINE) Ltd. HARVEST GOLD'- THREE YEARS ON

pletad hy a firm which had little experience with GRP. The litting out had been done at Stromness by a yard which had previously worked with

in the hull deck moulding for fittings, the edgea had not been sealed. This could lead to delemination in the future.

Where the hole had been cut to ellow the exhaust pipe to pass through the deck, the plyword insert in the deck was hadly charred and countling from the hest, although the GRP on each side of the charred plywood

was relatively unharmed.

Most of the bolts used for securing the deck fittings, and the wooden fendering stripa which protect the hull, were not galvanised and are cor-reded. This omission was a false economy and these bolts are going to need replacing before long to make sure that they do not lead to worse

The extensive fendering strips on the hull have protected it well, but solid fendering might have been better as it would be much

Continued overleaf.



Left: three different types of pipe fitting on her hull. The upper right fitting leaves the cut edge of the leminete exposed and is poor. The lower fit-ting is batter, but hes not bean sceled properly. upper left fitting should form e good seel, Above right: bubbles have formed in the top odga

of the moulded rubber strips. The gol cost hes been broken sway from the top, exposing the

chip in the hull -- en invitetion for weter to antar lineto. The besic hull oppeero, however, to



Above: scoring and chipping on the port forward Most of these do not require attention except for the eaks of appearance. Balow: chips in the gel cost on the port quarter. The heavy wooden fendering does not give adequate protection where the side of the boat meets the transom.





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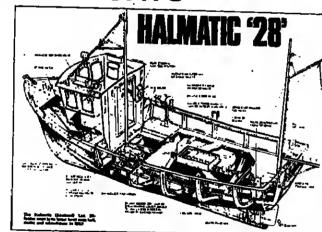
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Harvest Gold

HARVEST GOLO was fitted out by J. Anderson (Scatbullders) at Stromness, Orkney, and went on triols in Fabruary 1973. She cost £58,000 new and wos grant-aided by the Highlands and lalands Dayelopment Board, which elso helped the hull moulders Halmeric (Scotland) sat up in Ohmoy. A replacement at today's prices would cost sround £110,000 to £120,000.

She has an 18 ft, beam and draft aft, 7 ft, 9 in.

She has an 15 ft, beam and draft aft, 7 ft, 9 in. has spent some time pout fishing. The hull has four wooden bulkheads geoged. In. A 54 ft, beat for Whitey, 9 and two longitudinal beams up to 18 in. deep and was the next lishing beat of the San, wide run the whole length of his Boat; "Rited out by Plokhey of Beams 6 in, it 8 ft, or 18 in, cantes are also. Ilke J. Anderson has now some

moulded into the hulf of the 50-footer.

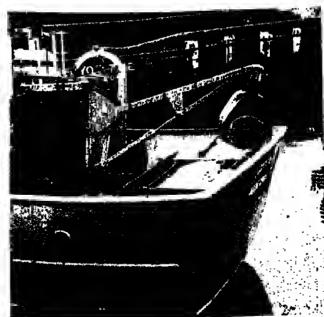
Steel chennel is moulded in to help the take the ground and there is a steel hand where there is a double portion. The discrete there is a double portion. The discrete by nevel erchilects. G.L. Weston's Harvest Gold is powered by a 160 dissel and sonie were a speed of 9-kind. She is equipped for both seining and has spent some time pout tenhalis.

A. 54 ft. boat for Whithy Ground was the next itsning boat of its

The 50-footer Harvest Gold as 10



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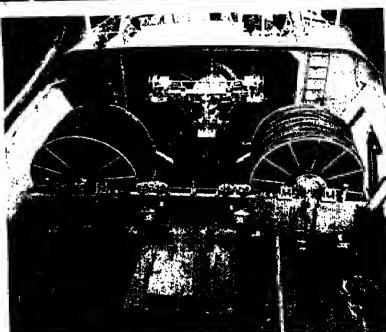
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# Harvest SET TO G Gold

damage to the hull is oround the bows, and the flare of the bull hos made the hulwarks particularly

mat GRP stands up well to hard fishing use, but there are many lessons to he learnt: First, GRP is not

maintenance free as some of disapproval — but the advertisements would seldom with inhave us believe. The un difference. derwater parts etill have to he painted with anti-fouling and painting the fendering strips is almost es much work as painting the topsides on a wooden hoat. A lot of effort is saved on the deck end superstructure and these have survived the ravages of lishing use very well.

### Attention

Second, small defects in the hull must be dealt with at dustry, or is there another least on an annual basic and not be left for deteroration to set in.

The third lesson is at the building stage. Fitting out a CRP hull must be done by people who understend the material. You are unlikely to entrust repairs on a wooden hull to o yard which builds steel hulls, so with GRP you must find a yard with ex-

Halmotic recognise this problem and, whilst it has no wish to specify where a hull should be fitted out, it is con-

With the rising coste of raw moterials, the price advon-tage which GRP bulls hed is being whittled awey. Over o long period the maintenence rosts of GRP will be less, provided that the boat has provided that the boat has the usual procedures and "I will leave the sen observe conservation que been built soundly in the first transactions involved in such ultogether," said Willie. "The while the Russians and also been built soundly in the first There is no magic about

GRP. It is not a new wonder material. When you swap o wooden bont for a GRP one, you ex-

late.

this move:

huilders was one week too

change one set of probleme for another. But, on halence, We pased the obvious there will be advantages question...What would be the provided you take the trauble wheelhouse arrangement if the hoats find a suitable

# THE TAIT family of Fraserburgh has always attracted attention. As leading herring fishermen



# Fishing News asked 'Willie' 'Tait, skipper of Challenge, what is behind No incentive "We can't offord to pay taxes and pay off a hoot too. It's as simple as that," he Seemingly the family had, like numerous others, invested the fruits of the 1973 'hoom' year in a new hoat -Chris Andra, They expected the normal lax concession; templating offering a full fit-ting out service at its Kirkwall factory so that it can set the required stan-

buyer? There would then be "We had actually made up three brothers and only two centive left to carry on att our minds about ordering houts. Chris Andra three months The answer came as a hit of lion, like most other

before that but, because of a surprise.

husiness, the pen was put to Government won't don thing powerful fureigo flee paper n week late. To the towards claiming the limits — systematically clean up & hencit of the taxman.

"Now we are all having to whole way the fishing in"We need at least a 50-mk
whole way the fishing inwork with quotas on top of a dustry is going."
new boat, our efforts will be stifled."

'Willie' Tuit's decision to relire (from the sen that isl curries more weight than words in the fight for extended limits which has been wag-led by lishormon around the "Willie". whole of the British Isles,

part of the young skipper does not imply lack of courage to face the fight. On side of the world; they gib the contrary, the Taits have the earne expense to residudged in the teeth of here...it'a daft." economic gales befare Inw...ond come through it.

And 'Willie', like his father ('Auld Andra') is a dedicated hunter who hee diaplayed the yeers our fishermeo waveled the control of cod off the cod of the cod off the co and fortitude with in search of

loet hie left arm in a deek aceident ahout three years ago.
This is the bread of men
which our Government eeem
which our Government eeem
tiful choals don't go mand
to be represented by everyone...especially.

By chance

Richitaging

For such an action on the stay in their own backyand the stay in their own backyand when the stay in their own backyand we have been stay in their own backyand when the stay in the stay

'Willie' feels there is not

fishermen, of having r

limit, with control of m?

monsonse that everybody T

'As far as I can se lecland is only looking the

her own fisheriaen. Eventu

ly nur own fishermen w

want 200-miles.

which he reape the ocean.

He's hardly 'mieaed a mark' even since he tragically lost his left arm in a day.

to be prepared to let alip into extinction through neglect.

By chance Fishing New spoke to one of the know visitors in Freer burghts.

# BOAT BUILDING TIMBERS

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out their own limits. Then they could proceed with aegotisticae with regard to sharing with their

We eaked the 35-yeer-old skipper if there were any sinister implications in the fact that our own fiehermen had encountered veesele registered in EEC countries, but crewed with labour from non-member countries. He sid there wee no reason to suspect any un-derhandedness. This is a long-stending practice amongst Scandinavian coun-

and other local men etill see it as a convenient loophole which, if the Government

Government's discourage-ment of what is a definite weter. He firmly supports asset for the country as a whole. "Every foreign boot that we're fishing alongside is superily equipped for keeping fish in the best condition. Surely it's best when one is tishing a resource which is threatened to look after what

"thir Government should "Dur Government should matter is: "We've simply worked a whole year for the bave put in freezers. That's Government. But the same ww you cen get a better product so that there is less wasters. The factory than gets a hetter return with, perhaps, up to 20 per cent more out of the well kept fiel. But no...they're going to etifle the industry altogether."

" However," stressee Willie, "they didn't eettle for a 25th of the oil!"

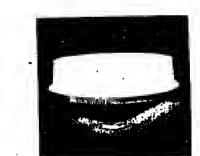
But oil's another story. the inclustry altogether."

Minch, 'Willie' at 33 finds

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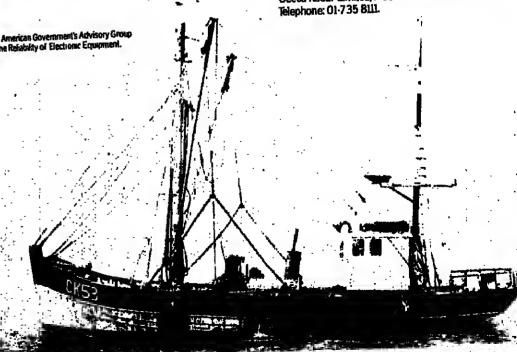


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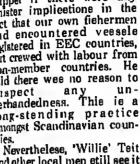
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doesn't pruvide adequete Abova: Chris Andre heads is protection, might easily be exploited.

Willie' eleo criticiees the with a big haul. The contract to buy har was signed just a wask too tale to beat the taxman.

> embittered by the unfair restrictions in the North See which he considers could hold the answer to the future of the berring industry. 'Willie' sums up his whole

personal grievance in the disclusure that the crux of the

So, after 18-years on the quast |bottom) ara now 'surplus to raquiraments







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Scalloway's Dual Development

Above: the new cold store et Scelloway, built by a consortium of fleh processors end deelers, will provide much needed storage SCALLOWAY, on the a new cold store on the Scalloway with HIDB aid. Main development is space for processed fish. Above right: Bleckness pier, which we at cost of the pier and the store is it will provide much need-quired is the extension. houses the merket end processing plents, has been hended over Shetland Islands, is the already in operation. by the plan trust to the Shetlends islends Council. The money for scene of two fishing It has been built by a the new extensions will be one of the benefits from the developments. Work is consortium of the fish nearing completion on processors and dealers at

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FISHING NEWS

ed increased storage the pler to the souther space for processed fish. to form a new besin will An extroordinary goneral meeting of the Blackness Pier Trust was held recently, when it was resolved that the assets of the Trust be handed over to the Shetlonds Islands Council.

To form a new hesin will would offer much being protection.

The present left, which is lergely of one to the bosts risk there is a swell running to form the result.

Blackness Pler is used primarily by the fishing boats and also houses the money for the never tension will be one of its from the its creased revenues at market and processing tained from oll-resid

The move to get the Tho SIC are ploughts plor taken over by the much of this back his council was made to get other industries to make development under way. tain omployment.

ed, by the non-fishing his nity, as e bit of an oddy-those days are past.

FN Finally, we still her.

some fishermen mokingati tune. How can this

Government subsidy?
WH Some fishermen

good yeers, the high rate t

tax act as a disincentive

allowance tax-wise, for the

Willie Hay from page 13

problems and I would like to dustries have their stank make no mistake about it in the separate problem. in the seperate problem men who ere making what sreae, being brought together regarded as 'blg' more in an effort to pool idese. This doing it as a result of the ie the first conference of ite long hours and very be kind sud hopefully it will be work. Worked on an hour repeated on an annual or bisinual basic on that a regular seem to be astronous contact throughout the in- There are meny problems dustry can be unintained, the earnings eres, especially the whole industry must not a result of the peak hole come more exphisticated in troughe of the industry hole results in the state of the industry hole results in the indus ts apprunch to our political and practical problems and it s oncournging to see more niternatively, as an incentively poople taking an octive rola to reinvest in new vessels and taking up our causes; for which in some cases at too long we have been regardiate few yeers, hesproved to the few yeers, hesproved a carroua. We have a far-wise, for the

WARNING

PETERHEAD has two ecclal hours. It is stoke harbours, one for fish and and frustrating for us loke one for oil — because of this the two industries it we harmoniously together, ex-provost Tom Smith toid Aberdeen Business and Professional Club last

"But all hell will break GEAR AND "But all heil will break loose if anyone tries to combine the harbours. That is the great fear of the fishermen. There will be trouble if anyone tries it, but I do not think the harbours will be combined," he said.

Mr. Smith said Deterhead was primarily a fishing port. There was a time when it was only a great state.

a time when it was only a garage' for boats operating from Aberdeen. deen was staged and last yeer white fish landings et Peterhead totailed

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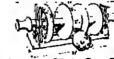
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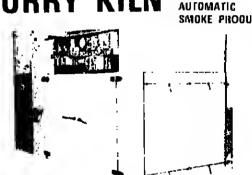
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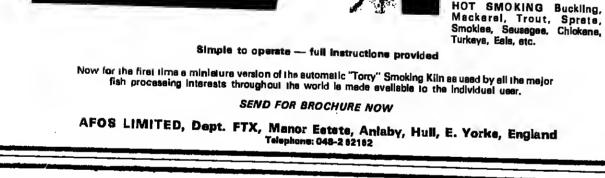
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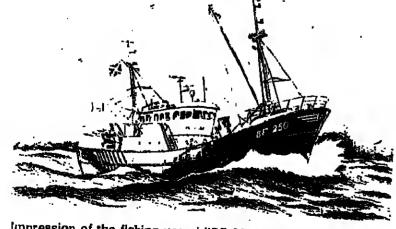
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i'rnserburgh.

cu of Kilsyth ventilste is

propeller through 1 34 reduction gearbox.

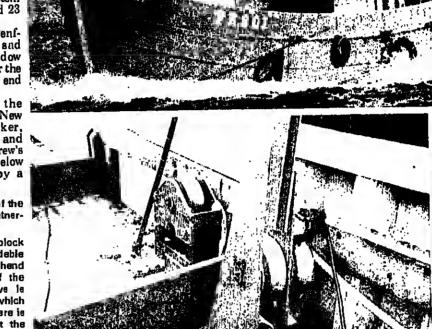
A 22kW 110V Transmer generator, 24V Transmer generator, plue e 6th cilkes and Gordon bler property service and control bler property services and general service pum a driven from the main and Wilmer Engineering.
Aberdeen supplied the ker HRW:MA anvillance. and a Callhuoy Mermaid 23

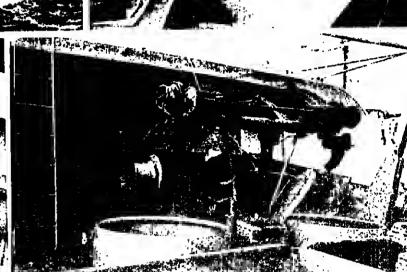
HRW3MA euxiliary m; of 37.5 hp at 1,800 m.1 drives a 15kW 110V generator, GGG pc. and also a Vickers byte. pnimp to drive the world net retrieval. Fans from the conference of Kilouth conference in the conference of Kilouth conference of Kilou s Speich wheelhouse window wiper is fitted. A cabin for the kipper leeds off the after end uf the wheelhouse.

The galley, under the wheelhouse, contains a New Werld Calor gas cooker. millent water heater and cabin is located aft, below deck, and is heated by a

Above right: typical lines of the Ferbes of Sendheven eetner-

Top right: her AF power block is mounted on en extendeble beem. Right: the left hand sheave neer the base of the starboard querter gallows la ated with load calle which register werp teneton. There is similer errengement at the Vive's Jeneon winch, Beccles coiler and rope bine.





ORKNEY SKIPPER,
James McIntosh of
Stronsay, has teken
delivery of his new 56ft.
seiner-trewler Dutch
Bank eimost three
yeers efter the keel
wee laid at the
Stromnese yerd of J.
Anderson (Boetbuildors) Ltd. In thet
time her building cost
has gone up a staggering £97,000.

While the boat was under
construction the huilder ron
into financial difficulties and
was put into the hande of the
Receiver.

# was put into the hande of the Receiver. So that work could continue on the veesel the Highlands and Islands Development Board and the Receiver formed a new company. Stronnees Boat-indiders Ltd. Boris "Eidelweiss" light rawl and two Duthis three-did light trawls. The Mystic net is very populated mouthly from Fraserburgh. were oppointed by the HIDB in fit ther out in Orkney. Boathuilders James Noble (Fraserburgh) Ltd. carried James Properties of the point of the poin

James McIntosh of

The hoat was launched, ones.

The boat is wired to take the net at 10V supply if needed, and for final completion and she ran her acceptance trisls from there.

The boat is wired to take the net at 10V supply if needed, and an auxiliary engine may be fitted at a later date.

The boat is wired to take the net at 10V supply if needed, and an auxiliary engine may be fitted at a later date.

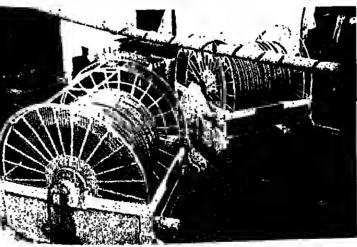
The boat is wired to take the net at 10V supply if needed, and an auxiliary engine may be fitted at a later date.

The boat is wired to take the net at 10V supply if needed, and an auxiliary engine may be fitted at a later date.

The boat is wired to take the net at 10V supply if needed, and an auxiliary engine may be over facility which directs oil to the unit needing power.

The boat is wired to take the net at 10V supply if needed, and an auxiliary engine may be over facility which directs oil to the unit needing power.

**Power and Efficiency** from Lossie Hydraulics . . .



The rope drums on Skipper Peter Ritchie's The Lossle Hydrsullc power block supplied Illustrious. Compering them with his former to the eelner-trewler Sperkling Star. rope bins he saye: "You just can't compere the two methods! We find reels reduce the work by about 50% - end the rope doesn't get hammered es much. I can keep an eye on everything from the wheelhouse, including surging when required".

ROPE DRUMS — NET DRUMS — PEDESTAL OR JIB-MOUNTED POWER BLOCKS - ALUMINIUM FABRICATIONS - WHEELHOUSE WINDOWS.

(Lossie Hydreulice elso supplied the wheelhouse windows for this vessel).

Skipper Jene Bojen chose Lossie Hydreulic net heulers for his new peir trewier Margrethe Bojen. The two four-sheeve pedestal mounted heulers have e pull of three tons each.

★ Meet us on STAND 166 at the Scottish Fisheries ★ Exhibition, Ayr.

Stop Press!

With the number of Lossie hydraulic fittings to fishing vessels well over 100, the Lossie men have clocked up some mileage end have a widespread acquaintance with the fishermen, "We like to know our oustomers and exectly what they want to do with our equipment", says Callum Beeton, one of the partners. "That way we can give the best ervice. It all joint is well worth it".

LOSSIE HYDRAULIC COMPANY LTD

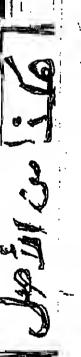
ROSEHALL WORKS, ST. CRISPIN PLACE, FALKIRK, STIRLINGSHIRE, Tel: FALKIRK 28494.

will have an opening of two to three fathoms and Dutch from there.

Fullowing such a lengthy delay Skipper McIntoah and his partner, John Heddle of Finstoun, near Kirkwall, are naturally very relieved to have finally taken over the book. But the final price is 133,000. She was originally tendered at 233,000.

Speaking to Fishing News in Fraserburgh, Skipper McIntoeh eaid that grant and loan essistance is being given by the HIDB, but the long delays and the massive in the bost's coat is crease in the coat of a the engine may be dicklined.

The arriagem ont of th delays and the massive in-crease in the boat'e coat is very worrying for him and his However, he said he is very pleosed with the boat and har equipment now that he has finally got her. She has been designed by naval architects, the Napier Company of Arbroath.
Skipper McIntosh told
Fishing News that he had been very impressed by the handling characteristics of a previoue veesel in which Napier had bean involved in the design, so had decided to hove his own boat dealgned Explaining the boat's name, Skipper McIntosh said tha Dutch Bank is a fishing ground to the east of Orkney. Dutch Bank will trawl for hite fiah - mainly in Orkney watars — and will either eteam to Kinlochbervie to land her catchas, or will and tham there rectard Her nets will include a Borls "Myscio" hobbin trawl



by the firm.



RIGHING NEWS

April 23, 16

# Catches and Prices

153,272: Vivaria, BUT (Sk. R. Kurz), 2,952 kits, NC, kits, 22 days. £34.917: Northern Reward, BUT (Sk. W. Harris), 1,024 kits, 21 days. 1.947 kits, NC, 24 daya.

(30.912: Notts Forest, Consolidated (Sk. J. Harris), kits, 20 days. 1,612 kits, WS, 20 days. 125,608: Prince Charles, Boston (Sk. A. Hollington).

1,377 kits, I, 25 days. c22,615: Boston Comanche, Boston (Sk. R. Evans). 1.224 kits, I, 24 days.

£17,684; Crystal Palace, Consolidated (Sk. E. Collins), 951 kits, I, 23 daya. tan), 88:1 kits, I, 21 days. 113,557: Real Madrid, Consolidated (Sk. G. Mussell), £1,424: Marie Jacob, Boaton, 118 kits, 7 days.

7611 kits, 1, 22 daya.

Regressial Regressial Town, Consolidated (Sk. F. Kirgs, 705; Replenish, Ward, 268 kits, 7 days.

13 days. £18,505: Ross Jackal, BUT (Sk. J. McCarthy), 794 £1,122: Starbank, Ward, 146 kits, 15 days. kits, 18 days.

118,302: Ross Jaguar, BUT (Sk. D. Speck), 852 kits, 17

clis, 918: Ross Leopard, BUT (Sk. J. Brown!, 662 kits, cl6,401: Jasmin, Wood (Sk. S. Thomson), 724 kits, F.

tl,786: Lemberg, Lindsey (Sk. H. Pexman), 186 kits, tl2,231: Ross Heron, BUT (Sk. J. Glasgow), 633 kits, tl,586: Arthur Harvey, Kerr (Sk. J. Donovsn), 42 in days.

kits, S, 11 days.

El, 640: Loveden, Lindsey (Sk. G. Ireland), 168 kits, 13 (5,899: Ross Hawk, BUT (Sk. G.E. Watt), 448 kits, S, 12819: Turon, Kerr, 46 kits, 6 days.

65,058; Beverley, Allard Hewson (Sk. J. Stringer), 217 LOWESTOFT kits, NS, 21 days. v1.072: Binks, Sleight (Sk. H. Clausenl, 156 kits, NS. £4,065; Island, Sleight (Sk. T. Potter), 173 kits, NS, 12 kits, NS, 13 days.

(3,871; Glenene, Sleight (Sk. J. Schluter), 166 kits, NS, kits, NS, 12 days. (3,820): Dorny, Sleight (Sk. P. Sorensenl, 164 kits, NS,

g3,601; Bellona, Consolidated (Sk. A. Thinnesent, 127 NS, 12 days. kits, NS, 20 days, £3,415: Ronsus, Sleight (Sk. J. Brunson), 115 kits, NS, 287 kits, NS, 12 days. lő davs.

88,703: Laurids Skomoger, Sleight (Sk. Jorgen Bojen), 376 kits, and 18,741: Paul Antony, Richardson (Sk. F. Insefsen), 385 kits, both NS, 12 days. 188,524: Shawnee, (Sk. D. Brown), 465 kits, and £8,262: Mohove, (Sk. C. Spall), 389 kits, both Sleight, W, 15

17,857: Tino, (Sk. P. Thinnesen), 331 kits, and 17,641: Samantha, (Sk. H. Thinnesen), 344 kits, both Richard-

son, NS, 17 days. c8,077: East Bank, (Sk. J. Lee), 343 kits, and £4,116: Searcher, (Sk. B. Nejrup), 165 kits, both Sleight, NS, snowflakes upon my facs

v56,229: Arctic Cavalier, Boyd (Sk. W. Bnyle), 2,857 oneself to keep staring. This intensified the afflication of

kits, WS, 20 days.
E43,647: C. S. Forester, Newington (Sk. J. Atkinson),
2,254 kits, WS, 20 days.
C39,444: Loch Eriboll, BUT (Sk. B. Owbridge), 2,149

All those bours, surrounded with the blackness of the darkness of the pit, with mountainous waves whose assailed me, I just sat down as formarly at the wheel.

About 9 o'clock on Sunday morning 1 noticed a stsamer on our lee-bow bearing about to make but morning 1 noticed a stsamer on our lee-bow bearing about to make but morning 1 noticed a stsamer on our lee-bow bearing about to make but more in the wheel.

FLEETWOOD, Ichland

C54.7:11: Jocinta, Marr (Sk. W. J. Taylor), 2.736 kits, 25 days.

What a bisssing it was for Looking back upon it all, 1 resists that there were better hands than mins guiding the 1.020 kits, 22 days.

Iteading from stamporough confess, with pardonable prids, that I was proud of her. Looking back upon it all, I resists that there were better hands than mins guiding the 1.27-1.28 BILLINGSCATE MAILS.

Just as we were laying With Baylisht, the LABELS SENT QNA SUL

£18,574: Wyre Defence, Wyre (Sk. G. Quinu), 978 £16,523: Boston Beverley, Boston (Sk. H. McMillan),

£14,548: Ella Hewett, Hewett (Sk. J. J. Buckley), 786 £1:1,699: Idena, Marr (Sk. B. Birley), 730 kits, 20 days.

£9,279: London Town, Hewett (Sk. J. Kelly), 435 kits.

£6,866: Boston Marauder, Boston (Sk. A. Middleton). £16,564: Blackburn Rovers, Consolidated (Sk. E. Cot. £5,187: Royalist, Hewett (Sk. K. Bevers), 228 kits, 15

£5,617: Resound, Ward, 246 kits, 14 days. £4,114: Rosomonda, Ward, 200 kits, 10 days. £4,129: Charmor, Hewett, 180 kits, 11 daya. 119,1:16: Ross Civet, BUT (Sk. A. Redpath), 974 kits, 11,504: Resilience, Ward, 123 kits, 13 days. £1,202: Ann, Hewett, 141 kits, 13 days.

c13,099; Ogano, Toylor (Sk. W. Hodson), 780 kits, 15 c27,111; Ben Bhrackie, Irvin (Sk. W. Fry), 1,528 kits, NC. 22 days.

t16,000: Birchlea, BUT (Sk. M. Taylori, 638 kits, F, 16

14,765; Lofoten, Lindsey (Sk. J. Thurston), 175 kits, 14 17,508; Margona, Wood (Sk. A. Phimister, jnr.1, 403 11,240); Westerdale, Norrnrd (Sk. F. Reynolds), 4615

19,861; St. Patrick, East Coast (Sk. D. Besford),350 kits, NS, 9 days. (8,432: Yoxford Queen, Talisman, (Sk. C. Reeder), 309

19,376: Bentley Queen, Talisman, (Sk. A. Gilli, 314 18,432: Suffolk Chieftain, Hobson, (Sk. E. Brightly),

340 kits, NS, 12 days. 17,585: Winkleigh, Boston, (Sk. G. Markwell), 281 kits,

NS, 12 days.

£1/£5; medlium, £1.80; best smn)l,

£1/£5; medlium, £1.80; best smn)l,

£1/£5; medlium, £1.80; best smn)l,

£1/£5; medlium, £1.80; contfish,

£1/£5; medlium, £1.80; best smn)l,

£1/£5; medlium, £1

C21,369: Arctic Challenger, Liston (Sk. K. Grob) 1,308 CWL, INC., 22 days. 110,988; Arctic Explarer, Liston, (Sk. A. Banyard), 22 cwt., NS, 13 days. cy, 70ii: Arctic Invader, Liston (Sk. J. Robb), 886(4) NS, 12 days.

NORTH SHIELDS

clil,518: Ben Chourn, Irvin, (Sk. T. Allen), and kilns, NS, 17 days. 112,912: Ben Edra, Irvin, (Sk. R. Palmer) 508 kilas, NS, 11 days. 18,959: Ben Glns, Irvin, (Sk. W. Sheader), 25,00218 NS. 11 days.

17.1089: Christine Nielsan, Irvin, (Sk. C. Ellis), 199 25,997: Lindisforne, Irvin, (Sk. J. Bailey), 1,715kib

15,105: Bishop Burton, Newington, (Sk. T. Fairs, 16,210 kilns, NS, 4 days. c.l.,165: Commoran, Irvin, (Sk. N. Morss), 13,570k.

C1,161: Scarlet Cord III, Irvin, (Sk. J. Buchans 8,405 kilos, NS. 12,898: Scarlet Line, Associated (Sk. A. Buchand

7,054 kilns, NS, 4 dnys. £2,490: Lothinn Rose, Irvin, (Sk. R. Clark), 10 12,458: Conduan, Irvin, (Sk. A. Morse), 8,430 18.

£1,954: Ina McBain, Associated, (Sk. J. Flemen 6,898 kilos, NS, 4 days. t1.498: Emulate, Associated (Sk. A. Wyse), 3,517 14.

MILFORD HAVEN, Irish See

15,1)83: Rosevenr, Nurrard (Sk. A. Simpson), 2291 13 days. EL805: Norrard Star, Norrard (Sk. J. Manson) 15 kits, 13 days. c3,8:1:1: Picton Scation, Norrard (Sk. T. Salie), F.

PORT MARKETS

THESDAY, APRIL 20 GRIMSBY

A poor supply of 4220 kits place 22/125; medion, 684 from 11 ships med a good demand. Prices: shelf cod, 12/247; coding 684 large haddock, 22/257; coding 684 large haddock, 22/257; coding 684 large haddock, 22/257; coding 684 large haddock, 22/251; large turbot 6840 coding, 12/252, large large large factor for ships and 685 large large large sale 685. coling, C3/C2.40; such sadack, Shaf/C1.40; medium, C2.80/C1; Shaff, C2.60/C2.80; large plaice, C4/C5; medium, C1.80; best small, C3; rockfish C1.30; codfish,

17.50/122; lemon sole, 557 [hover sole, 1100/130, 2

The Great Gale of November 1873

From page 10

The lash of salt water as it lmost drove me crazy.

Ordinary effort to ses was insofficient; one had to steel

20 days.

20,187: Ross Resolution, BUT (Sk. J. Tripp), 1,122 kits, I, 20 days.

15,088: St. Giles, Hamling (Sk. D. Platten), 809 kits, I, 20 daya.

FLEETWOOD, Ichland

by the dasp roar of the onmessage of the leading waves.

Was were stemming inshore,
was in the run of water,
leading from Flamborough confess, with pardonable prids, that I was provide for

about, at 4 welnes on the durkness and the same gons, much more comfort perhaps for the last time.
What thoughts filled my breost os, loshed at the wheel, I remained there doring these terrible and trying hours.
The lash of salt water as it

about, nt 4 u'clnck on the durkness and the snaw gons, much more comforance, our lupes revived. With the my position at the whoel, shortly hefora this we had a word or enabled to set-up a first buttle far our lives. It was being switted about window of sulling the weather water as it least time.

I was being switted about the snaw gons, much more comforance, our lupes revived. With the same gons, much more comforance, our lupes revived. With the more comforance, our lupes revived. With the same gons, our lupes revived. With the more comforance, our lupes revived. With the same gons, our lupes revived. With the same gons and the same

smote on the face was vary in the water and, somshow or bad, but the continual flick, other, it came to me that When snugging the beat on Glide perished at that time. Seturday forenoon, our day morning, the life. Certain it was we never saw hatches were on. 1 occordinghar again.

Ly ordered all the core and us. We lay there will be us. We lay there will be us. I was washed from my wands available to be laid in day for snoon,

kits, NC, 22 days.

C33,866: St. Gerontius, Hamling (Sk. J. Nelson), 1,735 kits, N.C., 20 days.

C27,944: Kingston Pearl, BUT (Sk. S. Morrall), 1,403 kits, 1, 23 days.

C21,169; Arctic Challenger, Liston (Sk. K. Grubb), 1,109 kits, WS, 22,246: Ross Orion, BUT (Sk. A. Osler), 1,127 kits, I, 20 days.

C20,187: Ross Resolution, BUT (Sk. J. Nelson), 1,735 kits, I, 23 days.

Toming as they approached struck terror to the heart. What a tims!

The affects of the lead line waves whose roaring as they approached struck terror to the heart. What a tims!

I stood on my feet and, looking round, was amazed to think that so frail a barque as we wars. I saw this steamsr to coming mass of sea, with the whist ling around my least such turned or to appear yell glorius. The soly is real sayer in the rigging, all accompanised by the dasp roar of the lead line waves.

This doubles promoted struck terror to the heart. What a tims!

I stood on my feet and, looking round, was amazed to think that so frail a barque as we wars. I saw this steamsr taks o run of seas that turned or to appear yell glorius. In the affects of the lead line was affer or or our lee-bow bearing about to make ber more setwer. I stood on my feet and, looking round, was amazed to think that so frail a barque as we wars. I saw this steamsr taks or run of seas that turned or to appear yell glorius. In the affects of the lead line was affer or or our lee-bow bearing about to make bern on our lee-bow bearing about to make the wind whist in the wheel.

I stood on my feet and, looking round, was amazed to think that so frail a barque as we wars. I saw this steamsr taks or run of seas that turned or to appear yell glorius. At 3 o'clock on Sunday bear as and shrisking through the rigging, all accompanied by the dasp roar of the look of

I was being swirled about wisdom of rulling the neak on bad, it had moderated to

insofficiant; one had to steel position on the atarn stool by the continual dipping into the snowflakes.

All those bours, surrounded with the blackness of tha spindls and racovering from my wands available to be laid in day forsnoon, under upon the hatches. On the atarn stool by the continual dipping into the top of the source and the wands dinner time.

Glide was only 48 felled was only 4

considerably. With two rings so many that many

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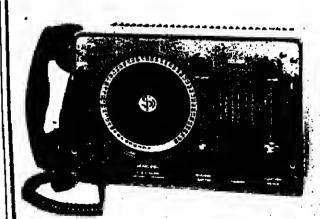
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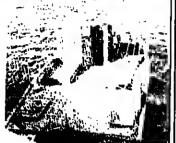
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cugane, Petter unxiliary engine.
Skeger wurdt, Lossie power block,
Tenjion! power stoering, Woodsans R T., Elne echn sounder and
lishlupe -- shift, property lishlippe – ship's property. Dervi Nacigator Mk21, Hecca Radur 202, Vikling VIIF tadio on

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